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GOVERNMENT OF INDIA
METEOROLOGICAL DEPARTMENT

INDIA WEATHER REVIEW

ANNUAL SUMMARY FOR 1930

PART A.

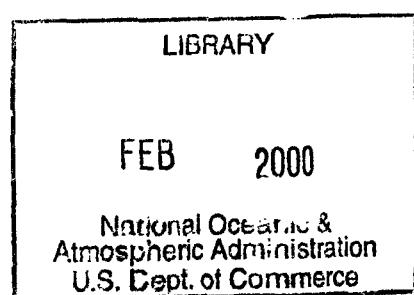
SUMMARY OF WEATHER AND RAINFALL

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ANNUAL SUMMARY, 1930.

PART A.

SUMMARY OF WEATHER AND RAINFALL.

SECTION I.

Chief Features of Weather in 1930.

1. The rainfall during the cold weather months, January and February, was in large defect in Bihar and Orissa, Sind, Bombay, Central India, the Central Provinces and Hyderabad, in moderate defect in Bengal, in large excess in Mysore and Madras and within 24 per cent. of the normal elsewhere. Averaged over the plains of India, the rainfall of the period was in defect by 13 per cent.

An unusually cold spell in Rajputana, Gujarat, the central parts of the country, the north Deccan and the Konkan during the first two weeks of February caused considerable damage to the cotton crop in Gujarat, grape crop in Nasik and sugarcane crop in the Deccan.

2. During the hot weather months, March to May, rainfall was in large excess in Mysore and Madras, in moderate excess in Burma, in slight excess in the North-West Frontier Province, in slight defect in Assam, Bengal, Rajputana and the Central Provinces and in moderate or large defect elsewhere. Over the country as a whole, there was an excess of 8 per cent. in the season's rainfall.

A spell of hot weather prevailed over the north-west frontier and the Punjab during the last two weeks of March.

3. The principal feature of the monsoon season, June to September, was the fairly good distribution of rain-fall over the country, although the activity of the monsoon in August was confined to Burma and north-east India. Averaged over the plains of India, the total rainfall of the period was in defect by 2 per cent.

4. The retreating south-west monsoon period, October to December, was characterised by an excess of rainfall over the country excepting Burma, the United Provinces, the Punjab, the North-West Frontier Province and Sind. The season's rainfall was in moderate or large defect in the Punjab, the North-West Frontier Province and Sind, in slight defect in Burma and the United Provinces, normal in Bengal and Central India, in slight excess in Bombay, Hyderabad and the Central Provinces, in moderate excess in Bihar and Orissa and in large excess elsewhere. Averaged over the plains of India, the total rainfall of the period was in excess by 19 per cent.

5. Taking the year as a whole, rainfall over the country did not differ by more than 18 per cent. from the normal in any division. Averaged over the plains of India, the year's rainfall was in excess by 1 per cent.

SECTION II.

General Remarks on the weather of 1930.

I. *The cold weather period, January and February.*—Of the four western disturbances which entered north-west India during **January**, the second was responsible for widespread rain there during the second week, the total rainfall of the month being in large excess in east Rajputana, the south-west Punjab and Kashmir and in moderate excess in the West United Provinces. Thunderstorms caused an excess of rainfall in south-east Madras and Mysore.

In **February**, the five disturbances, which entered India from the west, gave the usual amount of precipitation only in Kashmir and the United Provinces. The month was, however, characterised by frequent and locally heavy thunder-showers in the eastern half of the Peninsula, which resulted

in a large excess of precipitation in south-east Madras, Mysore and the north Madras coast.

The total rainfall during the cold weather period was more than three times the normal amount in south-east Madras, more than twice the normal amount in the Bay Islands and Mysore and also in large excess in the north Madras coast. It was in moderate excess in Upper Burma, the west United Provinces and Kashmir, normal in Assam and east Rajputana, in slight to moderate defect in Lower Burma, Bengal, Bihar the east United Provinces, the Punjab, the North-West Frontier Province, Baluchistan, south Hyderabad, Malabar and the Madras Deccan, and in large defect elsewhere.

Low temperatures prevailed in Rajputana, Gujarat, the central parts of the country, the north Deccan and the Konkan on most of the days upto the 13th February ; this unusual cold spell did considerable damage to the cotton crop in Gujarat, grape crop in Nasik and sugarcane crop in the Deccan. Both the mean maximum and minimum temperatures were markedly below normal in Kashmir and the maximum alone in Baluchistan in January, and the minimum in Kashmir in February⁴. Cloud amount was in considerable excess in north-west India outside Kashmir in January.

Air was considerably drier than usual in the Central Provinces, Bombay and Hyderabad in February.

II. The hot weather period, March to May.—In **March**, six western disturbances passed eastwards through north India, but the associated precipitation was much less than the usual amount in north-west India ; they, however, caused an excess of rainfall in Bengal and Upper Burma. Thunder-showers were fairly frequent in Lower Burma, Madras and the west Deccan during the second fortnight and gave an excess of rainfall in Lower Burma, Mysore, Malabar, the Madras Deccan and south-east Madras.

The five western disturbances, which entered north-west India in **April**, caused more than the usual amount of precipitation in the Punjab, Kashmir and the North-West Frontier Province. Thunderstorms were fairly frequent as usual during the month and caused an excess of rain in the central parts of the country, Chota Nagpur and south Hyderabad and normal rainfall in Assam, north Hyderabad and Malabar. A violent thundersquall sank the S. S. Condor in the Jumna river near Nagarbari (east Bengal) on the 27th evening, about 182 lives and mails being lost in the disaster.

In **May**, the western disturbances failed to give the normal amount of rainfall in north-west India excluding Rajputana. The month was characterised by the formation of a storm in the Bay to the east and south-east of Ceylon at the end of the first week. The storm entered the south of the Peninsula, recurred after travelling as far as the Nilgiri hills and then passing out again into the Bay moved towards the Arakan coast, where it disappeared. It was responsible for a large excess of rainfall in Mysore and the Madras Presidency and for an advance of a strong southwest monsoon in Burma, where widespread and locally heavy rain fell between the 10th and 19th. Thunderstorms caused an excess of rainfall in the Bombay Deccan. Over the rest of India, whether was drier than usual.

The total rainfall of the period, March to May, was in moderate to large defect in Bihar and Orissa, the United Provinces, the east and north Punjab, Baluchistan, Sind, east Rajputana, Gujarat, Central India, Berar, the Konkan and Hyderabad, in slight defect in the Bay Islands, Assam and Bengal, normal in the south-west Punjab and the Central Provinces, in slight to moderate excess in Burma, Kashmir, the North-West Frontier Province, west Rajputana and the north Madras coast and in large excess elsewhere.

A spell of hot weather prevailed over the north-west frontier and the Punjab between the 16th and 28th March.

The mean maximum temperature was markedly above normal in east Central India in March, and below it in Kashmir in April and in the Madras Deccan in May.

Skies were considerably more clouded than usual in Assam, Mysore and the Madras Deccan and less so in Rajputana in the month of March. Clouds were in marked excess in the Punjab, the North-West Frontier Province and Rajputana in April, and in Burma, the North-West Frontier Province and Mysore in May.

Humidity was considerably in defect in the North-West Frontier Province and the Central Provinces in March.

III. The monsoon period, June to September.—A weak advance of the Arabian Sea monsoon occurred along the west coast south of Bombay on the 8th **June**. The monsoon gradually strengthened and in the course of the next ten days had extended inland as far north as Gujarat and Central India. This branch of the monsoon was, on the whole, normally active over its field and was particularly vigorous in the Konkan and Gujarat during the last ten days of the month in connection with a depression and a storm which formed in the north Arabian Sea. The Bay monsoon extended into Assam and Bengal during the first two days of the month of June and in Bihar and Orissa in the third week and was active from Burma to Bengal during the month. In connection with two western disturbances and three occasions of disturbed weather over the Punjab, that division got the normal amount of rainfall.

A storm, which had formed in the Bay at the end of June, moved north-westwards and caused an extension of fairly strong monsoon from the United Provinces and east Central India to the Punjab. During **July**, two depressions and a storm formed in the Bay, moved westwards or north-westwards and caused the monsoon to be more than normally active in Burma and north India. In the Peninsula, as far north as Berar, the monsoon was weak during the first three weeks, due to a more northerly track than usual followed by the depressions from the Bay and the rainfall during the month was considerably below normal there. Heavy rain along the western Himalayas raised the level of the Indus and gave rise to serious floods, causing considerable damage to life and property in Upper Sind.

In **August**, in connection with the north-westward movement of unsettled conditions from the Bay, widespread rainfall occurred in east Central India and from the United Provinces to the north Punjab between the 3rd and 12th. During this period, the Arabian Sea monsoon was also stimulated into Gujarat, west Central India and Rajputana. A general break in the rains set in in the Peninsula from the 7th and had extended over north-west India by the 13th and over the United Provinces a week later. The break lasted till the 28th, after which widespread thundershowers began in the interior of the Peninsula. The monsoon was, on the whole, normally active only in Burma and north-east India.

A general revival of the monsoon took place over the country in **September** in connection with a depression which formed in the Bay at the end of the first week, and moving slowly to the east United Provinces through the

Central Provinces, became unimportant after the 17th. The monsoon was fairly strong in the Peninsula between the 3rd and 12th and from Gujarat to the east United Provinces, in the west United Provinces and the east and north Punjab between the 11th and 15th; Buldana (Berar) had 17" in 6 hours on the 8th morning and Bombay 22" in 24 hours ending at 8 hours on the 9th morning. The Arabian Sea monsoon was active on the west coast south of Bombay between the 12th and 18th. The Bay monsoon was active in Burma during the month and in north-east India during the first fortnight. Associated with a depression which formed off the Orissa coast on the 21st, widespread and locally heavy rain fell in north-east India and the east United Provinces upto the 26th. The monsoon withdrew from north-west India after the 15th and continued to recede from the central parts thereafter.

The total rainfall of the monsoon period, June to September, was within 24 per cent. of the normal over the whole country except in Baluchistan, where it was in moderate excess.

The mean maximum temperature was appreciably above normal in Chota Nagpur in June and in Rajputana in September, and below it in the Punjab and west Rajputana in July.

A well-marked high pressure area (relative to the normal distribution of pressure) lay over the Punjab in June.

Cloud amount was markedly in excess in Assam and the North-West Frontier Province in June, in Bihar and Orissa, and the North-West Frontier Province in July and August, in Rajputana and the Punjab in July and in Burma and Bihar and Orissa in September; it was much less than usual in Hyderabad in July and August.

The air was considerably drier than usual in the United Provinces in June, in the North-West Frontier Province in August and in Rajputana in September. It was moister than usual in the Punjab and the North-West Frontier Province in July.

IV. The period of retreating south-west monsoon, October to December.—**October** was characterised by a withdrawal of south-west monsoon from north-east India and Burma and a change from the south-west monsoon to north-east monsoon type of weather. A storm, which formed off the Coromandel coast on the 23rd, passed across the south of the Peninsula into the Arabian Sea and, moving northwards, entered inland again near Surat. It caused extensive and locally heavy rain along and near its track over land, rainfall being widespread in the Peninsula as far north as Central India between the 26th and 29th. Heavy rain in south Madras caused severe floods in many rivers there, which resulted in damage to railway lines and crops and loss of some lives. The six western disturbances, that entered north-west India during the month, caused more than the usual precipitation in the North-West Frontier Province and Kashmir.

The activity of the north-east monsoon in **November** was associated with three storms in the Bay. The first of these crossed the Arakan coast near Akyab and caused fairly widespread rain, with locally heavy falls, in the south and central Burma on the 8th, 9th and 10th. The second crossed the north Madras coast near Masulipatam on the 18th and was responsible for more than twice the normal rainfall for the month in the east Central Provinces and north-east India. The third storm, which struck the Coromandel coast between Cuddalore and Madras, was of severe intensity; it caused widespread and locally heavy rain in south Madras on the last three days of the month. The strong winds and heavy rain, associated with this storm, caused considerable damage to telegraph and railway lines and to crops in south-east Madras. The five disturbances, which entered India from the west, failed to give the usual amount of precipitation in north-west India.

Five western disturbances entered north-west India during **December**, but did not give the usual amount of rainfall there; the fifth disturbance, however, gave abundant rain in the east United Provinces, east Central India and Bihar on the 29th, 30th and 31st. The north-east monsoon was feeble upto the 17th, but its activity was stimulated thereafter in connection with a depression, which formed in the Andaman Sea on the 19th and moving westwards filled up on the 23rd near the east coast of Ceylon. As a result, south-east Madras had a few falls of rain on almost all the days during the last week of the month.

The total rainfall of the period, October to December, was in moderate to large defect in Lower Burma, the Punjab, Kashmir, the North-West Frontier Province, Baluchistan, Sind, West Rajputana and the west Central Provinces, in slight defect in the Bay Islands, normal in Upper Burma, Bengal, Bihar, the United Provinces, Central India and the Konkan, in slight excess in Orissa, Berar and north Hyderabad and in moderate to large excess elsewhere.

The mean maximum temperature was markedly above normal in east Central India in October and December, and below it in the Madras Deccan in the former month.

A well-marked high pressure area (relative to the normal distribution of pressure) lay over Assam and Bengal in October.

Skies were considerably more clouded than usual over the whole country except in Burma in October and in the Punjab, Sind and Rajputana in November. The cloud proportion was also much higher than usual in the North-West Frontier Province in December.

Humidity was in marked defect in Rajputana in October and December and in the North-West Frontier Province in the latter month.

The total rainfall amounts in each of the 33 sub-divisions for each month and for different seasons of the year are shown as percentages of their respective normals in plates A1, A2 and A3. In plates A1 and A2 the mean monthly pressure anomalies are drawn at intervals of 1 millbar.

TABLE A-1.—*Departure of the mean monthly and annual pressure from the normal in the 15 chief political divisions of India in 1930.*

| Division | Jan. | Feb. | Mar. | Apr. | May. | June. | July. | Aug. | Sept. | Oct. | Nov. | Dec. | Year. |
|-------------------|------|------|------|------|------|-------|-------|------|-------|------|------|------|-------|
| Burma | —027 | +030 | —003 | —016 | +008 | +029 | —020 | +008 | +014 | +045 | +026 | +002 | +008 |
| Assam | —016 | +040 | —003 | —011 | +013 | +043 | —006 | —006 | +020 | +053 | +033 | +002 | +013 |
| Bengal | —014 | +033 | —015 | —003 | +012 | +034 | —024 | —003 | +011 | +052 | +027 | +002 | +009 |
| Bihar and Orissa | —017 | +040 | —023 | +005 | +014 | +031 | —019 | +006 | +010 | +045 | +030 | 0 | +010 |
| United Provinces | —027 | +039 | —036 | +004 | +019 | +031 | +001 | +003 | +009 | +019 | +026 | —012 | +006 |
| Punjab | —027 | +028 | —036 | +010 | +035 | +050 | +021 | +004 | +031 | +026 | +037 | —004 | +015 |
| N. W. F. Province | —037 | +025 | —034 | +015 | +025 | +047 | +017 | —009 | +037 | —023 | +037 | —005 | +008 |
| Sind | —004 | +017 | —026 | +018 | +019 | +013 | +009 | +019 | +029 | +020 | +038 | +001 | +013 |
| Rajputana | —013 | +035 | —019 | +019 | +026 | +025 | +017 | +033 | +021 | +015 | +043 | +006 | +017 |
| Bombay | —008 | +035 | —015 | —009 | +009 | —005 | +026 | +021 | +010 | +004 | +030 | +010 | +009 |
| Central India | —017 | +032 | —025 | +006 | +020 | +020 | +009 | +022 | +003 | +014 | +033 | —002 | +010 |
| Central Provinces | —022 | +037 | —024 | —001 | +008 | +014 | +001 | +018 | —009 | +028 | +025 | +001 | +006 |
| Hyderabad | —009 | +048 | —006 | +003 | +003 | +014 | +031 | +022 | +003 | +033 | +028 | +013 | +015 |
| Mysore | 0 | +029 | —006 | —001 | +006 | +004 | +040 | +021 | +013 | +011 | +027 | +023 | +014 |
| Madras | —009 | +026 | —014 | —004 | +003 | +009 | +021 | +011 | +009 | +021 | +017 | +017 | +009 |
| Mean of India | —018 | +033 | —018 | 0 | +014 | +023 | +005 | +012 | +013 | +027 | +030 | +003 | +010 |

TABLE A-2.—*Monthly and annual means of maximum and minimum temperatures*

| DIVISION. | JANUARY | | | | FEBRUARY | | | | MARCH | | | | APRIL | | | | MAY | | | | JUNE | | | |
|-------------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|----------|------------|
| | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | | Maximum. | | Minimum. | |
| | Actual. | Departure. |
| Burma | 63.5 | +0.3 | 59.4 | -0.8 | 86.8 | -0.2 | 63.1 | +0.3 | 91.3 | -0.7 | 68.8 | +0.1 | 94.6 | -0.1 | 74.4 | +0.2 | 90.0 | -2.3 | 75.2 | -0.8 | 87.3 | -0.5 | 75.3 | -0.4 |
| Assam | 71.7 | -1.8 | 50.1 | -1.3 | 77.7 | +1.6 | 54.8 | +0.1 | 81.4 | -1.2 | 62.6 | +1.3 | 84.8 | +0.6 | 67.7 | +0.3 | 88.1 | +1.5 | 72.5 | +0.4 | 86.4 | -2.8 | 74.4 | -1.5 |
| Bengal | 76.1 | -0.9 | 52.2 | -2.0 | 82.1 | +1.2 | 57.9 | +0.1 | 89.5 | +0.5 | 66.9 | +0.5 | 93.5 | +0.5 | 73.3 | 0 | 92.8 | +0.7 | 75.5 | -0.4 | 89.5 | +0.1 | 77.2 | -0.6 |
| Bihar and Orissa | 76.1 | -0.9 | 51.0 | -1.7 | 81.2 | -0.3 | 55.3 | -1.6 | 93.0 | +1.5 | 65.2 | -0.1 | 98.4 | -0.8 | 73.2 | -0.5 | 100.6 | +0.6 | 78.2 | +0.5 | 96.3 | +2.1 | 78.7 | 0 |
| United Provinces | 71.1 | -1.2 | 46.0 | -1.8 | 77.2 | +0.4 | 50.3 | -0.5 | 90.7 | +2.1 | 60.9 | +1.0 | 98.0 | -1.5 | 70.4 | +0.2 | 104.0 | +0.2 | 78.3 | +0.5 | 102.0 | +1.4 | 80.6 | -0.5 |
| Punjab | 65.2 | -2.9 | 41.9 | -0.6 | 72.7 | +1.0 | 48.1 | +1.0 | 85.5 | +2.8 | 56.0 | +0.2 | 92.3 | -2.3 | 65.6 | -0.4 | 103.9 | 0 | 75.5 | 0 | 104.1 | -1.7 | 79.6 | -2.1 |
| N. W. F. Province | 63.2 | -2.7 | 39.8 | -0.1 | 70.3 | +1.5 | 44.8 | +1.2 | 81.8 | +3.5 | 63.9 | +0.6 | 86.0 | -3.1 | 62.3 | -0.4 | 100.5 | -0.7 | 71.4 | -0.9 | 105.9 | -1.3 | 79.2 | -0.2 |
| Sind | 72.0 | -3.2 | 50.7 | -0.2 | 80.8 | +1.9 | 54.5 | -0.1 | 89.4 | +1.2 | 64.8 | +1.1 | 94.6 | -0.9 | 71.9 | 0 | 102.7 | 0 | 79.3 | +0.8 | 103.5 | +0.5 | 83.5 | +0.5 |
| Rajputana | 73.4 | -1.4 | 48.1 | -0.8 | 81.0 | +2.2 | 51.7 | -0.8 | 92.1 | +2.2 | 62.2 | -0.3 | 97.7 | -2.2 | 71.5 | -1.5 | 105.4 | -0.8 | 79.4 | -1.7 | 103.2 | -0.9 | 81.5 | -1.7 |
| Bombay | 84.4 | +0.1 | 58.5 | 0 | 86.3 | -0.4 | 58.4 | -2.2 | 93.5 | +1.0 | 67.1 | 0 | 96.5 | -0.4 | 73.0 | -0.3 | 98.0 | 0 | 77.6 | +0.7 | 92.7 | +0.4 | 77.1 | +0.1 |
| Central India | 77.6 | +1.1 | 47.7 | -0.8 | 81.4 | +0.8 | 49.2 | -2.6 | 94.0 | +2.8 | 60.4 | -0.5 | 98.7 | -1.7 | 70.0 | -0.8 | 105.6 | +0.8 | 77.4 | -0.7 | 101.6 | +2.6 | 79.9 | +0.4 |
| Central Provinces | 82.7 | +1.4 | 53.4 | +0.1 | 84.8 | -0.9 | 54.2 | -2.9 | 96.7 | +2.0 | 65.2 | +0.1 | 100.1 | -2.3 | 72.9 | -0.8 | 106.7 | +0.1 | 80.6 | +0.5 | 98.7 | +1.7 | 78.5 | +0.7 |
| Hyderabad | 87.9 | +2.3 | 60.6 | +0.7 | 88.7 | -2.0 | 61.1 | -2.8 | 98.6 | +0.0 | 70.1 | 0 | 101.2 | -1.3 | 76.2 | -0.1 | 104.6 | +0.2 | 80.2 | +0.9 | 97.3 | +1.6 | 75.8 | 0 |
| Mysore | 85.5 | +2.4 | 61.9 | +2.0 | 87.9 | -0.2 | 68.8 | +0.6 | 94.2 | +1.1 | 67.6 | +0.1 | 96.1 | +1.0 | 71.5 | +0.8 | 90.9 | -1.7 | 70.5 | +0.4 | 87.4 | +2.1 | 69.1 | +0.8 |
| Madras | 85.1 | -0.1 | 48.0 | +0.9 | 87.2 | -1.5 | 69.8 | +0.2 | 92.0 | -0.9 | 73.6 | +0.1 | 94.8 | -1.3 | 77.8 | 0 | 94.8 | -2.7 | 78.9 | -0.5 | 92.3 | -1.5 | 77.8 | -0.4 |

with their departures from normal in the 15 chief political divisions of India in 1930.

| JULY. | | | | AUGUST. | | | | SEPTEMBER. | | | | OCTOBER. | | | | NOVEMBER. | | | | DECEMBER. | | | | YEAR. | | | | | | | |
|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|-----------|----------|----------|----------|-----------|------------|---------|------------|---------|------------|---------|------------|---------|------------|---------|------------|
| Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. |
| 85.9 | -0.8 | 75.4 | -0.1 | 85.9 | -0.4 | 75.3 | 0 | 87.1 | -0.1 | 75.2 | +0.1 | 88.4 | +0.8 | 73.2 | -0.5 | 85.8 | +0.5 | 70.8 | +2.0 | 83.7 | +1.3 | 62.9 | +0.5 | 87.5 | -0.2 | 70.8 | +0.1 | | | | |
| 90.7 | +2.2 | 77.5 | +0.2 | 89.0 | +0.6 | 77.4 | 0 | 87.0 | 0 | 76.3 | +0.1 | 84.3 | -1.4 | 70.0 | -1.2 | 77.7 | -3.0 | 62.9 | +1.3 | 75.0 | +0.3 | 53.3 | +0.5 | 82.8 | -0.3 | 66.6 | 0 | | | | |
| 88.7 | +0.5 | 78.2 | --0.2 | 87.7 | 0 | 78.2 | 0 | 89.4 | +1.2 | 78.3 | +0.6 | 89.0 | +1.5 | 74.0 | +0.2 | 82.3 | -0.5 | 65.3 | +0.9 | 77.7 | +0.4 | 54.8 | -0.8 | 86.5 | +0.4 | 69.4 | -0.1 | | | | |
| 88.5 | -0.8 | 77.3 | -0.7 | 88.1 | -0.1 | 77.5 | -0.2 | 88.8 | 0 | 77.1 | +0.1 | 89.9 | +1.8 | 72.1 | +0.6 | 80.9 | -1.6 | 61.2 | +0.2 | 77.3 | +0.4 | 51.2 | -1.3 | 88.3 | +0.2 | 68.2 | -0.4 | | | | |
| 91.1 | -1.2 | 78.1 | -1.0 | 90.2 | +0.4 | 77.9 | 0 | 91.6 | +0.6 | 75.4 | -0.3 | 92.3 | +1.0 | 67.4 | +1.1 | 82.0 | -0.5 | 55.1 | +0.4 | 75.4 | +1.1 | 45.7 | -1.6 | 88.8 | +0.3 | 65.5 | -0.2 | | | | |
| 94.8 | -5.0 | 79.1 | -2.1 | 97.5 | +0.7 | 79.4 | -0.2 | 97.2 | +0.7 | 72.4 | -2.4 | 93.9 | +0.7 | 62.7 | 0 | 82.4 | +0.2 | 48.2 | -2.2 | 73.9 | +2.5 | 40.8 | -1.8 | 88.6 | -0.3 | 62.5 | -0.8 | | | | |
| 100.6 | -2.0 | 80.4 | -0.7 | 101.3 | +1.2 | 79.6 | -0.1 | 97.0 | -0.7 | 71.9 | -1.1 | 90.1 | -0.9 | 60.2 | +0.5 | 80.0 | +0.5 | 45.6 | -1.5 | 71.8 | +2.7 | 38.2 | -1.6 | 87.4 | -0.2 | 60.6 | -0.4 | | | | |
| 95.6 | -3.2 | 81.9 | -0.4 | 93.5 | -1.8 | 79.1 | -0.7 | 95.3 | -0.2 | 76.7 | +0.3 | 94.5 | -0.3 | 69.6 | +0.5 | 86.8 | -0.2 | 60.0 | +0.8 | 79.4 | +1.7 | 51.9 | +0.1 | 90.7 | -0.4 | 68.6 | +0.2 | | | | |
| 92.2 | -3.8 | 78.0 | -2.1 | 91.6 | -0.5 | 76.5 | -1.4 | 98.9 | +4.9 | 76.8 | +1.0 | 96.5 | +1.8 | 69.3 | +1.4 | 84.8 | -1.4 | 55.7 | -1.3 | 79.3 | +1.9 | 48.3 | -1.7 | 91.4 | +0.2 | 66.6 | -0.9 | | | | |
| 85.3 | -1.6 | 75.0 | -0.4 | 85.7 | -0.4 | 73.5 | -0.6 | 88.0 | +0.8 | 73.7 | +0.6 | 91.7 | +1.0 | 72.0 | +1.5 | 87.3 | -1.1 | 64.0 | -0* | 86.5 | +1.6 | 60.2 | +1.1 | 89.7 | +0.1 | 69.2 | 0 | | | | |
| 85.8 | -2.3 | 75.2 | -0.7 | 85.3 | -0.1 | 73.5 | -0.8 | 90.7 | +2.9 | 73.0 | +0.3 | 93.4 | +3.9 | 66.4 | +1.6 | 82.7 | -0.3 | 53.4 | -0.9 | 80.4 | +3.8 | 46.3 | -1.8 | 80.7 | +1.1 | 64.4 | -0.6 | | | | |
| 85.5 | -1.4 | 73.7 | -0.6 | 85.2 | +0.1 | 73.1 | -0.3 | 88.2 | +0.8 | 78.0 | +0.4 | 90.7 | +1.7 | 68.7 | +2.0 | 82.2 | -1.9 | 57.7 | -0.4 | 82.5 | +2.4 | 53.2 | +1.2 | 90.2 | +0.3 | 67.0 | | | | | |
| 89.9 | +1.2 | 72.8 | -0.4 | 88.7 | +1.5 | 72.2 | -0.1 | 88.3 | +0.5 | 71.8 | -0.3 | 89.0 | -0.9 | 70.3 | +0.7 | 84.6 | -1.7 | 61.8 | -1.6 | 86.2 | +2.3 | 61.2 | +2.7 | 92.1 | +0.4 | 69.5 | 0 | | | | |
| 84.2 | +1.9 | 67.4 | +0.2 | 84.3 | +1.8 | 67.0 | +0.1 | 85.8 | +1.8 | 67.4 | +0.8 | 82.9 | -0.9 | 67.4 | +0.8 | 81.5 | -0.2 | 64.2 | +0.5 | 82.0 | +1.1 | 62.2 | +2.2 | 86.9 | +0.9 | 66.7 | +0.8 | | | | |
| 91.8 | +0.7 | 77.5 | +0.7 | 90.6 | +0.2 | 76.7 | +0.5 | 90.1 | 0 | 76.2 | +0.4 | 86.0 | -2.7 | 74.5 | +0.1 | 84.7 | -1.0 | 71.6 | +0.8 | 84.0 | -0.2 | 69.2 | +1.6 | 80.4 | -0.9 | 74.8 | +0.8 | | | | |

with their departures from normal in the 53 sub-divisions of India in 1930.

| JULY. | | AUGUST. | | SEPTEMBER. | | OCTOBER. | | NOVEMBER. | | DECEMBER. | | Year. | |
|----------|------------|----------|------------|------------|------------|----------|------------|-----------|------------|-----------|------------|----------|------------|
| Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. | Maximum. | Minimum. |
| Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. | Actual. | Departure. |
| 85.1 | -0.3 | 77.8 | +0.3 | 85.6 | +0.4 | 77.5 | +0.3 | 84.4 | -0.5 | 75.5 | -1.1 | 87.3 | +0.9 |
| 84.0 | -0.6 | 75.2 | 0 | 84.4 | 0 | 75.0 | -0.2 | 85.3 | -0.1 | 75.3 | 0 | 88.4 | +1.3 |
| 88.6 | -1.2 | 75.7 | -0.1 | 88.2 | -0.8 | 75.7 | +0.2 | 89.7 | 0 | 74.0 | +0.2 | 88.5 | +0.1 |
| 90.7 | +2.2 | 77.5 | +0.2 | 89.0 | +0.6 | 77.4 | 0 | 87.0 | 0 | 76.3 | +0.1 | 84.3 | -1.4 |
| 88.7 | +0.5 | 78.2 | -0.2 | 87.7 | 0 | 78.2 | 0 | 89.4 | +1.2 | 78.3 | +0.6 | 89.0 | +1.5 |
| 87.7 | -1.3 | 77.4 | -0.7 | 86.7 | -1.5 | 77.5 | -0.4 | 88.8 | -0.5 | 77.6 | 0 | 90.6 | +1.5 |
| 84.0 | -2.6 | 74.6 | -0.9 | 85.3 | -0.3 | 74.6 | -0.4 | 85.7 | -1.0 | 74.0 | +0.1 | 87.9 | +1.7 |
| 90.5 | +0.3 | 78.4 | -0.0 | 89.9 | +0.8 | 78.6 | 0 | 90.1 | +0.7 | 78.0 | +0.2 | 90.2 | +2.0 |
| 92.1 | -0.3 | 79.0 | -0.5 | 90.4 | +0.3 | 78.8 | +0.3 | 90.3 | -1.0 | 76.8 | 0 | 92.0 | +1.3 |
| 90.0 | -2.1 | 77.1 | -1.6 | 90.1 | +0.5 | 77.0 | -0.3 | 92.8 | +2.1 | 73.9 | -0.7 | 92.6 | +2.5 |
| 93.3 | -4.5 | 77.8 | -2.2 | 96.0 | +1.1 | 78.1 | -0.6 | 95.8 | +0.8 | 71.0 | -3.1 | 98.5 | +1.2 |
| 97.3 | -6.0 | 81.3 | -1.0 | 100.0 | -0.1 | 81.6 | +0.3 | 99.8 | +0.7 | 74.0 | -1.1 | 94.4 | -0.3 |
| 81.9 | -0.4 | 58.6 | +0.8 | 80.5 | -1.2 | 58.2 | -1.5 | 72.3 | -2.4 | 47.8 | -1.6 | 62.9 | -2.6 |
| 100.6 | -2.0 | 80.4 | -0.7 | 101.3 | +1.2 | 79.6 | -0.1 | 97.0 | -0.7 | 71.9 | -1.1 | 90.1 | -0.9 |
| 97.4 | -1.5 | 73.7 | +2.3 | 94.0 | -2.1 | 66.3 | -2.0 | 89.8 | -1.3 | 59.0 | -0.6 | 81.0 | -1.7 |
| 95.6 | -3.2 | 81.9 | -0.4 | 93.5 | -1.8 | 79.1 | -0.7 | 95.3 | -0.2 | 76.7 | +0.3 | 94.5 | -0.3 |
| 95.2 | -4.3 | 79.2 | -2.4 | 94.1 | -1.4 | 77.4 | -1.8 | 100.0 | +4.4 | 78.0 | +0.9 | 97.4 | +1.1 |
| 90.2 | -3.5 | 77.2 | -1.9 | 90.1 | +0.2 | 75.8 | -1.2 | 97.5 | +5.2 | 76.0 | +1.0 | 96.0 | +2.3 |
| 87.0 | -3.0 | 77.6 | -0.9 | 88.7 | -0.2 | 75.8 | -0.9 | 91.0 | +1.8 | 75.8 | +0.5 | 95.4 | +1.4 |
| 88.6 | -8.1 | 74.2 | +0.5 | 83.1 | -0.7 | 71.0 | -1.1 | 89.0 | +2.3 | 70.8 | +0.3 | 91.2 | +1.3 |
| 87.9 | -1.7 | 76.2 | -1.9 | 87.5 | +0.6 | 75.9 | -0.7 | 92.4 | +3.5 | 75.1 | +0.3 | 95.6 | +6.5 |
| 89.0 | +0.3 | 74.6 | +0.3 | 86.8 | +0.1 | 73.6 | +0.5 | 89.2 | +0.3 | 73.3 | +0.8 | 92.5 | +0.8 |
| 84.6 | -2.3 | 73.4 | -1.2 | 84.7 | 0 | 72.8 | -0.7 | 88.7 | +1.4 | 72.8 | +0.4 | 91.8 | +2.6 |
| 85.3 | -0.8 | 73.8 | -0.2 | 85.0 | +0.3 | 73.3 | -0.2 | 86.8 | +0.1 | 73.2 | +0.2 | 87.9 | +0.7 |
| 84.4 | +0.5 | 76.4 | +0.1 | 83.3 | -0.2 | 75.9 | +0.1 | 83.9 | +0.1 | 76.1 | +0.0 | 88.2 | +1.5 |
| 84.0 | -0.8 | 70.8 | 0 | 84.6 | +0.4 | 69.1 | -0.5 | 85.6 | -0.1 | 69.3 | +0.5 | 88.9 | +0.1 |
| 87.4 | -0.3 | 72.3 | 0 | 86.0 | +0.3 | 71.1 | 0 | 87.1 | 0 | 71.1 | +0.3 | 89.8 | -0.1 |
| 91.1 | +1.9 | 72.9 | -0.7 | 89.9 | +2.0 | 72.7 | -0.2 | 88.8 | +0.7 | 72.2 | -0.6 | 88.6 | -1.3 |
| 84.2 | +1.9 | 67.4 | +0.2 | 84.3 | +1.8 | 67.0 | +0.1 | 85.3 | +1.8 | 67.4 | +0.8 | 81.5 | -0.2 |
| 84.4 | +1.3 | 74.9 | +0.6 | 83.4 | +0.8 | 74.8 | +0.4 | 84.4 | +0.3 | 74.0 | +0.4 | 85.2 | +0.2 |
| 94.7 | +0.2 | 78.0 | +1.2 | 93.0 | -0.1 | 76.6 | +0.6 | 92.3 | +0.1 | 76.2 | +0.8 | 85.9 | -3.4 |
| 82.5 | -0.5 | 75.8 | -0.2 | 91.5 | -0.5 | 75.3 | +0.3 | 90.7 | -0.7 | 74.3 | 0 | 87.0 | -2.6 |
| 92.2 | +1.0 | 70.5 | +0.6 | 91.3 | +0.8 | 78.8 | +0.3 | 90.3 | -0.1 | 78.1 | 0 | 86.2 | -2.6 |

TABLE A-4.—Departure of the mean monthly and annual aqueous vapour pressure from the normal in the 15 chief political divisions of India in 1930.

| DIVISION. | January. | February. | March. | April. | May. | June. | July. | August. | Septem-ber. | October. | November. | Decem-ber. | Year. |
|---------------------------|----------|-----------|--------|--------|------|-------|-------|---------|-------------|----------|-----------|------------|-------|
| Burma | -015 | -003 | -004 | -022 | -021 | -020 | 0 | -011 | -008 | -031 | +030 | +011 | -008 |
| Assam | -014 | +002 | +028 | +002 | -009 | -048 | +014 | +005 | -012 | -041 | +005 | -002 | -006 |
| Bengal | -024 | -012 | +021 | -005 | -013 | -017 | -019 | 0 | +014 | -007 | +007 | -003 | -005 |
| Bihar and Orissa | -011 | -021 | -010 | -031 | -039 | -019 | -010 | -011 | +016 | +024 | +017 | -003 | -008 |
| United Provinces | -014 | +003 | -023 | -043 | -072 | -100 | -005 | -016 | -013 | +002 | +014 | -039 | -025 |
| Punjab | -001 | +030 | -019 | +005 | -028 | -018 | +064 | -032 | -063 | -038 | -084 | -029 | -014 |
| N.-W. F. Province | -007 | +035 | -019 | +015 | -039 | -006 | +127 | -083 | -078 | -003 | -013 | -036 | -009 |
| Sind | -020 | +008 | +040 | -036 | -009 | -004 | +051 | +003 | +018 | -005 | +016 | -005 | +005 |
| Rajputana | -006 | -015 | -059 | -053 | -042 | -025 | +011 | -035 | -115 | -067 | +027 | -037 | -035 |
| Bombay | -031 | -075 | -049 | -075 | +002 | +002 | -017 | -030 | +003 | -004 | -021 | -003 | -025 |
| Central India | -022 | -042 | -047 | +013 | -100 | -001 | -018 | -039 | +008 | +017 | +005 | -037 | -022 |
| Central Provinces | -020 | -070 | -071 | -001 | -047 | +001 | -019 | -027 | +014 | +051 | +010 | -006 | -015 |
| Hyderabad | -025 | -122 | -063 | -041 | -001 | +031 | -020 | -023 | +019 | +062 | -011 | +031 | -014 |
| Mysore | +001 | -032 | -004 | -020 | +016 | -008 | -003 | +004 | +011 | +046 | +013 | +051 | +006 |
| Madras | +017 | -035 | -019 | 0 | -014 | -011 | -027 | -033 | -020 | +029 | -020 | +027 | -009 |
| Mean of India | -012 | -025 | -024 | -022 | -029 | -018 | +002 | -022 | -016 | -002 | +004 | -006 | -014 |

TABLE A-5.—Departure of the mean monthly and annual relative humidity from the normal in the 15 chief political divisions of India in 1930.

| DIVISION. | January. | February. | March. | April. | May. | June. | July. | August. | Septem-ber. | October. | November. | Decem-ber. | Year. |
|---------------------------|----------|-----------|--------|--------|------|-------|-------|---------|-------------|----------|-----------|------------|-------|
| Burma | -4 | -3 | -2 | -4 | +1 | -1 | +1 | -1 | -1 | -4 | 0 | 0 | -1 |
| Assam | -1 | -4 | 0 | -3 | -7 | +1 | -3 | -1 | -2 | -1 | 0 | 0 | -2 |
| Bengal | -2 | -4 | +1 | -2 | -2 | -2 | -2 | -1 | -2 | -2 | +1 | 0 | -1 |
| Bihar and Orissa | -2 | -3 | -4 | -4 | -6 | -4 | +1 | 0 | 0 | -1 | +8 | -1 | -2 |
| United Provinces | -1 | +4 | -5 | -4 | -6 | -10 | +2 | -3 | -2 | -3 | +1 | -6 | -3 |
| Punjab | 0 | +3 | -7 | +1 | -4 | -2 | +11 | -4 | -5 | -5 | -6 | -7 | -2 |
| N.-W. F. Province | -5 | +4 | -11 | +1 | -8 | -1 | +11 | -11 | -9 | -7 | -5 | -13 | -5 |
| Sind | -5 | -2 | +3 | -4 | -2 | -4 | +5 | +2 | 0 | -1 | +1 | -4 | -1 |
| Rajputana | -2 | -3 | -10 | -5 | -5 | -3 | +5 | -2 | -17 | -11 | +1 | -11 | -5 |
| Bombay | -5 | -10 | -6 | -8 | -1 | 0 | 0 | -1 | -1 | -3 | -1 | -4 | -8 |
| Central India | -5 | -6 | -9 | +1 | -9 | -5 | +4 | -2 | -3 | -2 | +1 | -7 | -3 |
| Central Provinces | -7 | -9 | -11 | 0 | -5 | -3 | +1 | -8 | -0 | +2 | +4 | -5 | -3 |
| Hyderabad | -6 | -13 | -6 | -3 | -1 | +2 | -4 | -4 | +1 | +9 | +5 | +2 | -1 |
| Mysore | -2 | -2 | +1 | -3 | +6 | -2 | -1 | 0 | +1 | +7 | +4 | +6 | +1 |
| Madras | +1 | -3 | -1 | -1 | +1 | +1 | -4 | -4 | -8 | +5 | -1 | +1 | -1 |
| Mean of India | -3 | -4 | -4 | -3 | -8 | -2 | +2 | -2 | -8 | -2 | 0 | -3 | -2 |

TABLE A-6.—*Departure of the mean monthly and annual cloud amount from the normal in the 15 chief political divisions of India in 1930.*

| Division. | January. | February. | March. | April. | May. | June. | July. | August. | Septem- ber. | October. | Novem- ber. | Decem- ber. | Year. |
|-------------------------------|----------|-----------|--------|--------|------|-------|-------|---------|-----------------|----------|----------------|----------------|-------|
| Burma | +0.8 | +0.6 | +0.8 | +0.5 | +1.5 | +0.2 | +1.0 | +0.6 | +1.1 | -0.8 | +2.2 | 0 | +0.7 |
| Assam | +0.7 | 0 | +1.3 | +0.6 | +0.1 | +1.0 | 0 | +0.8 | +0.8 | +2.0 | +2.8 | +0.2 | +0.9 |
| Bengal | -0.1 | -0.3 | +0.5 | +0.8 | +0.4 | +0.2 | 0 | +0.9 | +0.9 | +1.0 | +3.0 | -0.2 | +0.5 |
| Bihar and Orissa | -0.8 | -0.7 | -0.2 | +0.9 | +0.2 | +0.9 | +1.1 | +1.4 | +2.1 | +1.1 | +2.6 | -0.1 | +0.7 |
| United Provinces | +0.4 | -0.5 | -0.6 | +0.7 | -0.1 | -0.3 | +0.9 | +0.8 | +0.7 | +0.8 | +0.5 | -0.1 | +0.3 |
| Punjab | +1.2 | +0.8 | -0.9 | +1.0 | +0.4 | +0.1 | +1.5 | -0.9 | -0.5 | +0.8 | -0.2 | -0.3 | +0.2 |
| North-West Frontier Province. | +3.7 | +0.6 | +0.3 | +2.6 | +1.1 | +2.1 | +4.7 | +2.3 | +0.9 | +1.9 | +0.3 | +0.9 | +1.8 |
| Sind | +2.0 | +0.1 | -0.9 | +0.4 | -0.7 | -0.7 | +0.7 | -0.4 | 0 | +0.2 | -0.4 | -0.4 | 0 |
| Rajputana | +1.0 | 0 | -1.2 | +1.4 | -0.2 | -0.1 | +2.1 | -0.9 | -0.9 | +0.7 | +0.1 | -0.6 | +0.1 |
| Bombay | +1.8 | -0.1 | -0.1 | +0.1 | +0.3 | +0.2 | +0.6 | 0 | +0.8 | +1.4 | +0.5 | +0.3 | +0.4 |
| Central India | +0.9 | -0.9 | -0.9 | +0.5 | 0 | -0.4 | +0.7 | -0.2 | +0.4 | +0.8 | +0.7 | -0.2 | +0.1 |
| Central Provinces | +0.2 | -0.8 | -0.5 | +0.3 | 0 | +0.2 | +0.6 | -0.2 | +0.7 | +1.3 | +1.6 | -0.7 | +0.2 |
| Hyderabad | +0.1 | -0.4 | +0.6 | +0.5 | +0.6 | -0.4 | -1.5 | -1.1 | -0.8 | +1.7 | +1.5 | +0.1 | +0.1 |
| Mysore | +0.2 | +0.6 | +2.2 | 0 | +1.8 | 0 | -0.2 | +0.2 | +0.2 | +2.6 | +1.8 | +0.6 | +0.8 |
| Madras | +0.8 | +0.6 | +1.4 | +0.6 | +0.9 | +0.9 | -0.5 | +0.3 | +0.4 | +2.0 | +1.5 | +0.5 | +0.8 |
| Mean of India | +0.7 | -0.1 | +0.1 | +0.6 | +0.5 | +0.2 | +0.7 | +0.1 | +0.5 | +0.9 | +1.8 | -0.1 | +0.6 |

TABLE A-7.—Average over the 15 chief political divisions of the

| DIVISION: | JANUARY: | | | | FEBRUARY: | | | | MARCH: | | | | APRIL: | | | | MAY: | | | | JUNE: | | | |
|--|----------|------------------------|-----------------------------------|---------|------------------------|-----------------------------------|---------|------------------------|-----------------------------------|---------|------------------------|-----------------------------------|---------|------------------------|-----------------------------------|---------|------------------------|-----------------------------------|---------|------------------------|-----------------------------------|---------|------------------------|-----------------------------------|
| | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| Burma | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Burma | 0.06 | -0.05 | -45 | 0.26 | +0.04 | +18 | 0.81 | +0.34 | +72 | 0.63 | -0.79 | -60 | 13.35 | +4.58 | +52 | 13.93 | -2.11 | -13 | - | - | - | - | - | - |
| Assam | 0.77 | +0.12 | +18 | 1.85 | -0.13 | -12 | 3.07 | -0.08 | -1 | 8.40 | -0.64 | -7 | 8.12 | -3.89 | -32 | 26.61 | +8.45 | +47 | - | - | - | - | - | - |
| Bengal | 0.34 | 0 | 0 | 0.45 | -0.40 | -42 | 2.05 | +0.37 | +22 | 1.78 | -1.51 | -46 | 6.39 | -1.23 | -16 | 14.01 | -0.65 | -4 | - | - | - | - | - | - |
| Bihar and Orissa | 0.23 | -0.23 | -55 | 0.32 | -0.60 | -65 | 0.86 | -0.36 | -50 | 0.52 | -0.29 | -36 | 1.26 | -1.22 | -49 | 5.79 | -2.72 | -32 | - | - | - | - | - | - |
| United Provinces | 0.90 | +0.11 | +14 | 0.83 | +0.11 | +15 | 0.14 | -0.32 | -70 | 0.14 | -0.11 | -44 | 0.26 | -0.42 | -62 | 2.51 | -1.88 | -43 | - | - | - | - | - | - |
| Punjab | 1.14 | +0.11 | +11 | 0.57 | -0.32 | -36 | 0.17 | -0.66 | -80 | 0.98 | +0.44 | +81 | 0.26 | -0.31 | -54 | 1.76 | +0.03 | +2 | - | - | - | - | - | - |
| North-West Frontier Province | 1.49 | +0.21 | +16 | 0.38 | -0.81 | -68 | 1.07 | -0.82 | -43 | 3.83 | +1.99 | +129 | 0.29 | -0.48 | -62 | 0.69 | -0.27 | -81 | - | - | - | - | - | - |
| Sind | 0.04 | -0.19 | -83 | 0 | -0.29 | -100 | 0.02 | -0.21 | -91 | 0.07 | -0.04 | -36 | 0 | -0.15 | -100 | 1.17 | +0.70 | +149 | - | - | - | - | - | - |
| Rajputana | 0.47 | +0.17 | +57 | 0.05 | -0.22 | -81 | 0.02 | -0.19 | -80 | 0.04 | -0.12 | -75 | 0.69 | +0.19 | +38 | 2.28 | +0.04 | +2 | - | - | - | - | - | - |
| Bombay | 0.02 | -0.10 | -83 | 0 | -0.08 | -100 | 0.02 | -0.09 | -82 | 0.08 | -0.31 | -79 | 1.01 | -0.05 | -5 | 11.79 | +8.03 | +35 | - | - | - | - | - | - |
| Central India | 0.23 | +0.23 | -50 | 0.07 | -0.32 | -82 | 0.02 | -0.20 | -91 | 0.17 | 0 | 0 | 0.23 | -0.24 | -61 | 3.11 | -1.76 | -36 | - | - | - | - | - | - |
| Central Provinces | 0.01 | -0.50 | -98 | 0.13 | -0.67 | -84 | 0.12 | -0.41 | -77 | 1.22 | +0.75 | +160 | 0.20 | -0.47 | -70 | 7.03 | -0.88 | -11 | - | - | - | - | - | - |
| Hyderabad | 0 | -0.17 | -100 | 0.17 | -0.08 | -32 | 0.15 | -0.24 | -62 | 0.74 | +0.09 | +14 | 0.20 | -0.07 | -77 | 5.81 | +0.36 | +7 | - | - | - | - | - | - |
| Mysore | 0.23 | +0.11 | +92 | 0.82 | +0.19 | +146 | 0.45 | +0.14 | +45 | 1.03 | -0.43 | -29 | 6.71 | +3.18 | +87 | 4.68 | -0.12 | -8 | - | - | - | - | - | - |
| Madras | 1.35 | +0.61 | +82 | 1.40 | +0.96 | +218 | 0.92 | +0.21 | +30 | 1.70 | -0.06 | -3 | 7.28 | +3.75 | +106 | 8.14 | +0.20 | +3 | - | - | - | - | - | - |
| Mean of India | 0.46 | 0 | 0 | 0.42 | -0.13 | -24 | 0.58 | -0.12 | -17 | 1.06 | -0.151 | -12 | 8.80 | +0.65 | +21 | 7.80 | -0.17 | -2 | - | - | - | - | - | - |

monthly and annual rainfall, with its departure from normal in 1930.

| JULY | | | AUGUST. | | | SEPTEMBER. | | | OCTOBER. | | | NOVEMBER. | | | DECEMBER | | | YEAR. | | | |
|-------|---------|------------------------|---------|---------|------------------------|------------|---------|------------------------|----------|---------|------------------------|-----------|---------|------------------------|----------|---------|------------------------|--------|---------|------------------------|--|
| | Actual. | Departure from normal. | | Actual. | Departure from normal. | | Actual. | Departure from normal. | | Actual. | Departure from normal. | | Actual. | Departure from normal. | | Actual. | Departure from normal. | | Actual. | Departure from normal. | |
| 21-11 | +3.74 | +22 | 15.85 | -1.14 | -7 | 12.10 | -0.13 | -1 | 3.48 | -3.01 | -46 | 3.68 | +1.48 | +67 | 0.07 | -0.42 | -86 | 85.23 | +2.53 | +3 | |
| 12-62 | -6.00 | -33 | 16.17 | -0.63 | -4 | 12.23 | -0.25 | -2 | 6.13 | +0.44 | +8 | 4.53 | +3.60 | +387 | 0.29 | -0.06 | -17 | 101.19 | +0.84 | +1 | |
| 16-36 | +1.21 | +8 | 13.66 | -0.45 | -3 | 8.17 | -2.64 | -24 | 2.90 | -2.04 | -41 | 3.45 | +2.66 | +387 | 0.03 | -0.13 | -81 | 69.68 | -4.91 | -7 | |
| 14-44 | +1.86 | +15 | 11.33 | -1.69 | -12 | 10.65 | +2.09 | +24 | 1.35 | -1.75 | -56 | 3.36 | +2.75 | +451 | 0.28 | +0.14 | +100 | 49.80 | -1.97 | -4 | |
| 15-05 | +8.49 | +30 | 10.05 | -1.15 | -10 | 6.01 | -0.34 | -5 | 1.18 | -0.16 | -12 | 0.06 | -0.11 | -65 | 0.39 | +0.10 | +34 | 37.52 | -0.68 | -2 | |
| 9-21 | +8.89 | +73 | 2.64 | -2.79 | -51 | 1.95 | -0.83 | -30 | 0.08 | -0.23 | -74 | 0.01 | -0.11 | -92 | 0.17 | -0.21 | -55 | 18.94 | -0.99 | -5 | |
| 2-68 | +0.10 | +4 | 2.02 | -1.14 | -36 | 1.31 | +0.13 | +11 | 0.54 | +0.21 | +64 | 0.03 | -0.25 | -89 | 0.13 | -0.41 | -76 | 14.06 | -1.54 | -10 | |
| 4-09 | +1.60 | +64 | 2.20 | -1.71 | -90 | 0.20 | -0.42 | -68 | 0.01 | -0.04 | -80 | 0 | -0.06 | -100 | 0 | -0.00 | -100 | 5.80 | -0.90 | -13 | |
| 9-04 | +2.28 | +34 | 5.04 | -1.78 | -26 | 1.14 | -2.18 | -66 | 1.36 | +0.01 | +202 | 0.01 | -0.12 | -92 | 0 | -0.18 | -100 | 20.14 | -1.20 | -6 | |
| 14-03 | -0.90 | -6 | 6.67 | -3.16 | -38 | 9.33 | +2.79 | +48 | 3.44 | +0.87 | +34 | 0.68 | -0.07 | -9 | 0.16 | -0.02 | -11 | 47.03 | +1.91 | +4 | |
| 16-77 | +5.59 | +50 | 8.68 | -3.00 | -26 | 5.49 | -6.11 | -2 | 1.56 | +0.60 | +63 | 0.02 | -0.40 | -95 | 0.10 | -0.09 | -47 | 36.45 | -0.16 | 0 | |
| 16-05 | +2.84 | +21 | 8.20 | -4.08 | -38 | 7.58 | +0.89 | +5 | 1.43 | -0.52 | -27 | 1.57 | +1.08 | +220 | 0.13 | -0.19 | -59 | 43.76 | -2.61 | -6 | |
| 4-02 | -5.15 | -44 | 4.32 | -2.47 | -36 | 8.82 | +1.33 | +18 | 8.06 | +0.12 | +16 | 1.57 | +0.67 | +74 | 0.01 | -0.28 | -97 | 28.87 | -4.19 | -13 | |
| 4-17 | -2.93 | -42 | 2.92 | -2.81 | -48 | 5.96 | +0.78 | +15 | 10.07 | +4.77 | +90 | 1.72 | -0.70 | -29 | 0.49 | +0.04 | +9 | 38.75 | +2.62 | +7 | |
| 5-19 | -3.14 | -38 | 4.67 | -2.00 | -30 | 6.98 | +0.94 | +16 | 15.06 | +7.82 | +95 | 6.86 | +0.88 | +15 | 1.91 | -0.18 | -9 | 61.46 | +9.49 | +18 | |
| 12-57 | +1.25 | +11 | 8.87 | -2.02 | -19 | 7.20 | +0.10 | +2 | 3.54 | +0.27 | +8 | 2.15 | +0.88 | +64 | 0.31 | -0.16 | -84 | 48.23 | +0.41 | +1 | |

TABLE A-8.—Average over the 33 sub-divisions of the monthly and annual

| SUB-DIVISION. | JANUARY. | | | | FEBRUARY. | | | | MARCH. | | | | | | |
|--|-------------|------------------------|-----------|------------------------|-------------|------------------------|-----------|------------------------|-------------|------------------------|-----------|------------------------|------|-------|------|
| | RAINY DAYS. | | RAINFALL. | | RAINY DAYS. | | RAINFALL. | | RAINY DAYS. | | RAINFALL. | | | | |
| | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | | | |
| 1. Bay Islands | 1.3 | +0.2 | 1.18 | +0.31 | +36 | 2.7 | +1.6 | 2.65 | +2.10 | +382 | 3.3 | +2.5 | 1.91 | +1.85 | +241 |
| 2. Lower Burma | 0.2 | -0.1 | 0.06 | -0.05 | -45 | 0.3 | 0 | 0.11 | -0.11 | -50 | 1.7 | +1.0 | 1.11 | +0.58 | +109 |
| 3. Upper Burma | 0.2 | -0.1 | 0.08 | -0.05 | -45 | 1.1 | +0.6 | 0.88 | +0.16 | +73 | 1.3 | +0.3 | 0.56 | +0.14 | +38 |
| 4. Assam | 1.5 | 0 | 0.77 | +0.12 | +18 | 2.4 | -1.0 | 1.35 | -0.18 | -12 | 7.6 | +1.2 | 3.97 | -0.03 | -1 |
| 5. Bengal | 0.6 | -0.2 | 0.34 | 0 | 0 | 0.9 | -0.7 | 0.45 | -0.40 | -42 | 2.8 | +0.3 | 2.05 | +0.87 | +22 |
| 6. Orissa | 0 | -0.8 | 0.01 | -0.43 | -98 | 1.3 | -0.5 | 0.55 | -0.62 | -53 | 0.9 | -1.0 | 0.38 | -0.75 | -69 |
| 7. Chota Nagpur | 0.1 | -1.4 | 0.04 | -0.71 | -95 | 0.6 | -1.5 | 0.16 | -0.99 | -86 | 0.7 | -1.1 | 0.20 | -0.71 | -78 |
| 8. Bihar | 1.0 | +0.1 | 0.42 | -0.01 | -2 | 0.9 | -0.6 | 0.29 | -0.39 | -57 | 0.9 | +0.2 | 0.44 | -0.04 | -8 |
| 9. United Provinces, East | 1.4 | 0 | 0.38 | -0.25 | -40 | 1.3 | 0 | 0.62 | +0.07 | +13 | 0.8 | -0.5 | 0.16 | -0.16 | -50 |
| 10. Do. do., West | 1.7 | -0.2 | 1.35 | +0.42 | +45 | 1.5 | -0.1 | 1.01 | +0.14 | +16 | 0.3 | -1.0 | 0.12 | -0.47 | -80 |
| 11. Punjab, East and North | 2.2 | 0 | 1.25 | +0.05 | +4 | 1.7 | -0.3 | 0.75 | -0.26 | -26 | 0.7 | -1.2 | 0.19 | -0.71 | -79 |
| 12. Do., Southwest | 1.8 | +0.6 | 0.82 | +0.32 | +64 | 0.1 | -1.2 | 0.04 | -0.49 | -92 | 0.8 | -1.8 | 0.09 | -0.55 | -86 |
| 13. Kashmir | 7.3 | +2.2 | 5.95 | +2.24 | +80 | 4.1 | -0.2 | 3.40 | -0.14 | -4 | 5.0 | -1.4 | 3.74 | -0.86 | -19 |
| 14. North-West Frontier Province | 3.5 | +1.1 | 1.49 | +0.21 | +16 | 1.6 | -1.0 | 0.38 | -0.81 | -68 | 2.8 | -0.9 | 1.07 | -0.82 | -43 |
| 15. Baluchistan | 2.7 | +0.1 | 1.27 | +0.07 | +6 | 0.6 | -1.9 | 0.24 | -0.96 | -80 | 1.1 | -1.8 | 0.41 | -0.84 | -67 |
| 16. Sind | 0.1 | -0.5 | 0.04 | -0.19 | -88 | 0 | -0.7 | 0 | -0.29 | -100 | 0.1 | -0.4 | 0.02 | -0.21 | -91 |
| 17. Rajputana, West | 0.5 | 0 | 0.14 | -0.05 | -26 | 0.2 | -0.3 | 0.06 | -0.17 | -74 | 0.1 | -0.4 | 0.03 | -0.15 | -53 |
| 18. Do., East | 1.1 | +0.2 | 0.65 | +0.28 | +76 | 0.3 | -0.5 | 0.05 | -0.25 | -88 | 0.1 | -0.5 | 0.01 | -0.22 | -96 |
| 19. Gujarat | 0.1 | -0.1 | 0.05 | -0.04 | -44 | 0 | -0.2 | 0.01 | -0.09 | -90 | 0 | -0.2 | 0.01 | -0.06 | -86 |
| 20. Central India, West | 0.4 | -0.4 | 0.23 | -0.19 | -41 | 0.1 | -0.6 | 0.02 | -0.28 | -93 | 0 | -0.4 | 0 | -0.17 | -100 |
| 21. Do. do., East | 0.8 | -0.6 | 0.23 | -0.45 | -66 | 0.7 | -0.8 | 0.24 | -0.46 | -66 | 0.1 | -0.9 | 0.08 | -0.82 | -80 |
| 22. Berar | 0 | -0.7 | 0 | -0.39 | -100 | 0.1 | -0.6 | 0.03 | -0.33 | -92 | 0 | -0.7 | 0 | -0.33 | -100 |
| 23. Central Provinces, West | 0.1 | -1.0 | 0.03 | -0.62 | -95 | 0.2 | -1.1 | 0.06 | -0.63 | -91 | 0.1 | -1.1 | 0.07 | -0.49 | -87 |
| 24. Do. do., East | 0 | -0.9 | 0 | -0.46 | -100 | 0.7 | -1.1 | 0.25 | -0.86 | -77 | 0.6 | -0.7 | 0.22 | -0.38 | -63 |
| 25. Konkan | 0 | -0.2 | 0 | -0.10 | -100 | 0 | -0.1 | 0.01 | -0.04 | -80 | 0 | -0.1 | 0 | -0.05 | -100 |
| 26. Bombay Deccan | 0 | -0.3 | 0 | -0.15 | -100 | 0 | -0.2 | 0 | -0.03 | -100 | 0.1 | -0.2 | 0.03 | -0.12 | -80 |
| 27. Hyderabad, North | 0 | -0.3 | 0 | -0.16 | -100 | 0.2 | -0.3 | 0.08 | -0.17 | -68 | 0.2 | -0.5 | 0.07 | -0.30 | -81 |
| 28. Do., South | 0 | -0.3 | 0 | -0.18 | -100 | 0.7 | +0.2 | 0.27 | +0.08 | +18 | 0.7 | 0 | 0.24 | -0.18 | -48 |
| 29. Mysore | 0.8 | +0.6 | 0.23 | +0.11 | +92 | 0.7 | +0.6 | 0.32 | +0.19 | +148 | 1.1 | +0.5 | 0.45 | +0.14 | +45 |
| 30. Malabar | 1.5 | +0.3 | 0.71 | -0.17 | -19 | 0.9 | 0 | 0.50 | -0.05 | -9 | 2.8 | +0.4 | 2.01 | +0.57 | +40 |
| 31. Madras, Southeast | 2.8 | +1.5 | 2.72 | +1.73 | +175 | 2.9 | +2.2 | 2.35 | +1.88 | +400 | 1.0 | +0.2 | 0.74 | +0.23 | +45 |
| 32. Do., Deccan | 0.4 | +0.1 | 0.12 | -0.08 | -40 | 0.3 | +0.1 | 0.10 | -0.04 | -29 | 0.9 | +0.6 | 0.28 | +0.07 | +38 |
| 33. Do., Coast, North | 0.1 | -0.4 | 0.11 | -0.27 | 71 | 1.7 | +1.1 | 1.21 | +0.82 | +210 | 0.6 | -0.2 | 0.35 | -0.15 | -30 |

rainfall and number of rainy days with their departures from normal in 1930.

TABLE A-8.—Average over the 33 sub-divisions of the monthly and annual

rainfall and number of rainy days with their departures from normal in 1930—concl'd.

| NOVEMBER. | | | | | DECEMBER. | | | | | YEAR. | | | | |
|-------------|------------------------|-----------|------------------------|-----------------------------------|-------------|------------------------|-----------|------------------------|-----------------------------------|-------------|------------------------|-----------|------------------------|-----------------------------------|
| RAINY DAYS. | | RAINFALL. | | | RAINY DAYS. | | RAINFALL. | | | RAINY DAYS. | | RAINFALL. | | |
| Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| 11.0 | +8.8 | 8.15 | +2.27 | +30 | 2.5 | -0.5 | 3.97 | +0.10 | +8 | 106.1 | +7.8 | 84.17 | +6.15 | +8 |
| 4.9 | +1.5 | 8.89 | +1.24 | +47 | 0.3 | -0.5 | 0.14 | -0.38 | -73 | 116.1 | -3.3 | 126.80 | +1.21 | +1 |
| 4.4 | +1.5 | 8.50 | +1.68 | +92 | 0 | -0.8 | 0.01 | -0.45 | -98 | 69.3 | +2.4 | 50.38 | +3.65 | +8 |
| 5.6 | +4.1 | 6.53 | +3.60 | +387 | 0.7 | -0.1 | 0.29 | -0.06 | -17 | 116.9 | +2.2 | 101.19 | +0.84 | +1 |
| 3.9 | +2.9 | 3.45 | +2.66 | +387 | 0.1 | -0.2 | 0.03 | -0.13 | -81 | 82.2 | -2.1 | 69.68 | -4.91 | -7 |
| 4.6 | +3.2 | 6.42 | +4.96 | +340 | 0.2 | -0.2 | 0.06 | -0.16 | -73 | 72.3 | -0.9 | 56.63 | -1.90 | -3 |
| 4.7 | +4.0 | 4.69 | +4.81 | +1134 | 0.9 | +0.2 | 0.21 | +0.07 | +50 | 69.9 | +2.0 | 56.60 | +4.07 | +8 |
| 1.8 | +1.4 | 1.26 | +0.97 | +334 | 0.6 | +0.6 | 0.43 | +0.34 | +378 | 54.4 | -1.2 | 43.40 | -4.87 | -10 |
| 0.3 | 0 | 0.12 | -0.07 | -37 | 1.1 | +0.7 | 0.55 | +0.33 | +150 | 39.5 | -6.5 | 42.33 | +3.05 | +8 |
| 0 | -0.3 | 0.01 | -0.14 | -93 | 0.5 | -0.2 | 0.24 | -0.11 | -31 | 39.2 | -3.5 | 33.29 | -4.06 | -11 |
| 0 | -0.8 | 0.01 | -0.12 | -92 | 0.4 | -0.6 | 0.23 | -0.21 | -48 | 23.7 | -1.4 | 22.22 | -1.03 | -4 |
| 0 | -0.2 | 0 | -0.08 | -100 | 0 | -0.5 | 0 | -0.21 | -100 | 15.2 | -1.1 | 9.09 | -0.89 | -9 |
| 0.2 | -0.7 | 0.06 | -0.41 | -87 | 0.6 | -2.4 | 0.25 | -1.70 | -87 | 53.2 | -3.1 | 40.42 | -1.95 | -5 |
| 0.1 | -0.4 | 0.03 | -0.25 | -89 | 0.5 | -0.6 | 0.13 | -0.41 | -76 | 28.9 | +1.9 | 14.06 | -1.54 | -10 |
| 0.1 | -0.6 | 0.01 | -0.26 | -96 | 0.2 | -1.3 | 0.04 | -0.59 | -94 | 12.9 | -4.1 | 6.28 | -1.84 | -23 |
| 0 | -0.1 | 0 | -0.06 | -100 | 0 | -0.3 | 0 | -0.09 | -100 | 7.0 | -2.1 | 5.80 | -0.90 | -13 |
| 0 | -0.1 | 0 | -0.08 | -100 | 0 | -0.2 | 0 | -0.11 | -100 | 15.7 | -1.7 | 10.60 | -1.88 | -15 |
| 0 | -0.3 | 0.01 | -0.15 | -94 | 0 | -0.5 | 0 | -0.21 | -100 | 32.0 | -1.6 | 25.07 | -0.86 | -6 |
| 0 | -0.4 | 0 | -0.20 | -100 | 0.2 | +0.1 | 0.04 | 0 | 0 | 37.1 | -0.4 | 34.71 | +2.36 | +7 |
| 0 | -0.7 | 0 | -0.45 | -100 | 0 | -0.4 | 0 | -0.17 | -100 | 37.5 | -3.9 | 35.26 | +0.42 | +1 |
| 0.3 | -0.8 | 0.07 | -0.27 | -79 | 1.0 | +0.4 | 0.39 | +0.13 | +50 | 49.3 | -0.6 | 40.32 | -2.12 | -5 |
| 1.4 | +0.4 | 0.91 | +0.34 | +60 | 0.1 | -0.6 | 0.03 | -0.36 | -92 | 40.7 | -5.5 | 31.90 | -6.52 | -2 |
| 0.7 | -0.1 | 0.36 | -0.20 | -96 | 0.3 | -0.3 | 1.18 | -0.14 | -44 | 52.2 | -4.5 | 43.34 | -3.24 | -7 |
| 3.8 | +3.1 | 2.82 | +2.42 | +605 | 0.4 | -0.2 | 0.15 | -0.14 | -48 | 62.6 | -0.4 | 50.39 | -3.34 | -6 |
| 0.6 | -1.0 | 0.22 | -0.79 | -78 | 0.2 | -0.1 | 0.12 | -0.02 | -14 | 93.5 | -0.6 | 109.51 | +1.03 | +1 |
| 1.8 | 0 | 1.28 | +0.27 | +27 | 0.5 | 0 | 0.25 | -0.08 | -11 | 48.8 | +0.8 | 32.83 | +1.94 | +6 |
| 2.4 | +1.1 | 1.01 | +0.24 | +31 | 0 | -0.6 | 0 | -0.36 | -100 | 45.7 | -4.2 | 28.89 | -5.40 | -16 |
| 2.9 | +1.1 | 2.38 | +1.31 | +122 | 0.1 | -0.3 | 0.02 | -0.20 | -91 | 60.2 | +0.9 | 28.00 | -2.68 | -9 |
| 3.4 | -0.4 | 1.72 | -0.70 | -29 | 1.1 | +0.3 | 0.49 | +0.04 | +9 | 60.4 | +5.0 | 38.75 | +2.62 | +7 |
| 3.6 | -0.4 | 2.03 | -0.18 | -2 | 3.3 | +0.7 | 3.04 | +1.26 | +71 | 116.8 | +5.1 | 105.22 | +5.03 | +5 |
| 7.7 | -0.7 | 7.88 | +0.89 | +5 | 3.3 | -0.9 | 2.01 | -1.37 | -41 | 56.1 | +7.8 | 49.70 | +14.05 | +39 |
| 3.6 | -0.8 | 1.64 | -0.52 | -24 | 1.6 | +0.9 | 0.81 | +0.40 | +98 | 45.3 | +5.4 | 26.75 | +1.95 | +8 |
| 5.0 | +1.3 | 7.04 | +3.88 | +92 | 1.4 | +0.5 | 0.99 | +0.14 | +16 | 59.0 | +4.2 | 50.41 | +9.21 | +22 |

TABLE A-9.—Average over the 15 Chief political divisions of the actual rainfall with its departure from normal for the four seasons of the year, and for the whole year, 1930.

| DIVISION. | JANUARY AND FEBRUARY. | | | MARCH TO MAY. | | | JUNE TO SEPTEMBER. | | | OCTOBER TO DECEMBER. | | | WHOLE YEAR. | | |
|----------------------------------|-----------------------|------------------------|-----------------------------------|---------------|------------------------|-----------------------------------|--------------------|------------------------|-----------------------------------|----------------------|------------------------|-----------------------------------|-------------|------------------------|-----------------------------------|
| | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| Burma | 0.82 | -0.01 | -3 | 14.69 | +4.18 | +39 | 62.99 | +0.36 | +1 | 7.23 | -1.95 | -21 | 85.28 | +2.53 | +3 |
| Assam | 2.12 | -0.06 | -3 | 20.49 | -4.56 | -18 | 67.63 | +1.48 | +2 | 10.95 | +3.98 | +57 | 101.19 | +0.84 | +3 |
| Bengal | 0.79 | -0.50 | -39 | 10.22 | -2.37 | -19 | 52.20 | -2.53 | -5 | 6.47 | +0.40 | +8 | 69.68 | -4.91 | -7 |
| Bihar and Orissa | 0.55 | -0.88 | -62 | 2.14 | -1.87 | -47 | 42.21 | -0.36 | -1 | 4.99 | +1.14 | +30 | 49.89 | -1.97 | -6 |
| United Provinces | 1.73 | +0.22 | +15 | 0.54 | -0.85 | -61 | 83.62 | +0.12 | 0 | 1.63 | -0.17 | -9 | 37.52 | -0.68 | -8 |
| Punjab | 1.71 | -0.21 | -11 | 1.41 | -0.53 | -27 | 15.56 | +0.30 | +2 | 0.26 | -0.55 | -68 | 18.94 | -0.99 | -5 |
| North-West Frontier Province . . | 1.87 | -0.60 | -24 | 4.89 | +0.60 | +16 | 6.60 | -1.18 | -15 | 0.70 | -0.45 | -39 | 14.06 | -1.54 | -10 |
| Sind | 0.04 | -0.48 | -92 | 0.09 | -0.40 | -82 | 5.66 | +0.17 | +3 | 0.01 | -0.19 | -95 | 5.80 | -0.90 | -13 |
| Rajputana | 0.62 | -0.05 | -9 | 0.75 | -0.12 | -14 | 17.50 | -1.64 | -9 | 1.37 | +0.61 | +80 | 20.14 | -1.20 | -6 |
| Bombay | 0.02 | -0.18 | -90 | 1.11 | -0.45 | -29 | 41.62 | +1.76 | +4 | 4.28 | +0.78 | +22 | 47.03 | +1.91 | +4 |
| Central India | 0.80 | -0.55 | -65 | 0.42 | -0.44 | -51 | 84.05 | +0.72 | +2 | 1.68 | +0.11 | +7 | 80.45 | -0.16 | 0 |
| Central Provinces | 0.14 | -1.17 | -89 | 1.54 | -0.13 | -8 | 38.95 | -1.68 | -4 | 3.13 | +0.87 | +18 | 48.76 | -2.61 | -6 |
| Hyderabad | 0.17 | -0.25 | -60 | 1.09 | -0.82 | -43 | 22.47 | -3.93 | -15 | 4.64 | +0.81 | +21 | 28.37 | -4.19 | -13 |
| Mysore | 0.65 | +0.80 | +120 | 8.19 | +2.84 | +58 | 17.73 | -4.63 | -21 | 12.28 | +4.11 | +50 | 38.75 | +2.62 | +7 |
| Madras | 2.75 | +1.57 | +133 | 9.00 | +3.90 | +65 | 24.98 | -4.00 | -14 | 23.88 | +8.02 | +51 | 61.46 | +9.49 | +18 |
| Mean of India | 0.88 | --0.13 | -18 | 5.44 | +0.88 | +8 | 35.94 | -0.78 | -8 | 5.97 | +0.94 | +19 | 48.23 | +0.41 | +1 |

TABLE A-10.—Average over the 33 sub-divisions of the actual rainfall with its departure from normal for the four seasons of the year, and for the whole year, 1930.

| SUB-DIVISION. | JANUARY AND FEBRUARY. | | | MARCH TO MAY. | | | JUNE TO SEPTEMBER. | | | OCTOBER TO DECEMBER. | | | WHOLE YEAR. | | |
|--|-----------------------|------------------------|-----------------------------------|---------------|------------------------|-----------------------------------|--------------------|------------------------|-----------------------------------|----------------------|------------------------|-----------------------------------|-------------|------------------------|-----------------------------------|
| | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. | Actual. | Departure from normal. | Percentage departure from normal. |
| | | | | | | | | | | | | | | | |
| 1. Bay Islands | 3.83 | +2.41 | +170 | 9.72 | -1.08 | -10 | 55.00 | +6.87 | +14 | 14.72 | -2.05 | -12 | 84.17 | +6.15 | +8 |
| 2. Lower Burma | 0.17 | -0.16 | -48 | 20.18 | +0.10 | +43 | 98.93 | -1.34 | -1 | 7.52 | -3.39 | -31 | 126.80 | +1.21 | +1 |
| 3. Upper Burma | 0.44 | +0.11 | +33 | 10.09 | +2.48 | +33 | 32.86 | +1.79 | +6 | 6.90 | -0.73 | -9 | 50.38 | +3.65 | +8 |
| 4. Assam | 2.12 | -0.06 | -3 | 10.49 | -4.56 | -18 | 67.63 | +1.48 | +2 | 10.95 | +3.98 | +57 | 101.19 | +0.84 | +1 |
| 5. Bengal | 0.79 | -0.50 | -39 | 10.12 | -2.37 | -19 | 52.20 | -2.53 | -5 | 6.47 | +0.49 | +8 | 69.68 | -4.91 | -7 |
| 6. Orissa | 0.6 | -1.05 | -65 | 3.31 | -2.43 | -42 | 44.99 | +0.18 | 0 | 7.86 | +1.40 | +22 | 76.63 | -1.90 | -3 |
| 7. Chota Nagpur | 0.20 | -1.70 | -89 | 1.63 | -2.07 | -56 | 48.46 | +4.95 | +11 | 6.31 | +2.89 | +85 | 56.60 | +4.07 | +8 |
| 8. Bihar | 0.71 | -0.40 | -36 | 1.79 | -1.56 | -47 | 37.91 | -3.17 | -8 | 2.99 | +0.26 | +10 | 43.40 | -4.87 | -10 |
| 9. United Provinces, East | 1.00 | -0.18 | -15 | 0.41 | -0.75 | -63 | 38.83 | +4.21 | +12 | 2.08 | -0.23 | -10 | 42.33 | +3.05 | +8 |
| 10. Do. do., West | 2.36 | +0.56 | +31 | 0.61 | -0.96 | -61 | 29.08 | -3.52 | -11 | 1.24 | -0.14 | -10 | 33.29 | -4.06 | -11 |
| 11. Punjab, East and North | 2.0 | -0.21 | -16 | 1.37 | -0.70 | -34 | 18.51 | +0.49 | +8 | 0.34 | -0.61 | -64 | 22.22 | -1.03 | -4 |
| 12. Do., Southwest | 0.86 | -0.17 | -17 | 1.51 | -0.07 | -4 | 6.68 | -0.30 | -4 | 0.04 | -0.35 | -90 | 9.09 | -0.89 | -9 |
| 13. Kashmir | 9.35 | +2.10 | +29 | 12.22 | +2.22 | +22 | 17.24 | -4.41 | -20 | 1.61 | -1.86 | -54 | 40.42 | -1.05 | -5 |
| 14. North-West Frontier Province | 1.87 | -0.60 | -24 | 4.89 | +0.69 | +16 | 6.60 | -1.18 | -15 | 0.70 | -0.45 | -89 | 14.06 | -1.54 | -10 |
| 15. Baluchistan | 1.51 | -0.89 | -37 | 1.25 | -0.98 | -44 | 3.41 | +0.97 | +40 | 0.11 | -0.94 | -90 | 6.28 | -1.84 | -23 |
| 16. Sind | 0.04 | -0.48 | -92 | 0.09 | -0.40 | -81 | 5.66 | +0.17 | +3 | 0.01 | -0.19 | -95 | 5.80 | -0.90 | -13 |
| 17. Rajputana, West | 0.20 | -0.22 | -52 | 0.87 | +0.10 | +13 | 9.22 | -1.57 | -15 | 0.81 | -0.19 | -38 | 10.60 | -1.88 | -15 |
| 18. Do. East | 0.70 | +0.03 | +4 | 0.68 | -0.25 | -27 | 21.78 | -1.65 | -7 | 1.91 | +1.01 | +112 | 25.07 | -0.86 | -3 |
| 19. Gujarat | 0.06 | -0.13 | -68 | 0.08 | -0.35 | -81 | 32.76 | +2.18 | +7 | 1.81 | +0.66 | +57 | 34.71 | +2.36 | +7 |
| 20. Central India, West | 0.25 | -0.44 | -64 | 0.31 | -0.49 | -61 | 33.14 | +1.23 | +4 | 1.56 | +0.12 | +8 | 35.26 | +0.42 | +1 |
| 21. Do. do., East | 0.47 | -0.01 | -66 | 0.79 | -0.31 | -28 | 37.02 | -0.91 | -2 | 2.04 | +0.01 | 0 | 40.32 | -2.12 | -5 |
| 22. Berar | 0.03 | -0.72 | -96 | 0.63 | -0.48 | -43 | 28.38 | +0.36 | +1 | 2.86 | +0.32 | +13 | 31.90 | -0.52 | -2 |
| 23. Central Provinces, West | 0.09 | -1.25 | -93 | 1.43 | -0.01 | -1 | 40.09 | -1.02 | -2 | 1.73 | -0.96 | -36 | 43.34 | -3.24 | -7 |
| 24. Do. do., East | 0.25 | -1.32 | -84 | 2.10 | -0.02 | -1 | 43.71 | -3.39 | -7 | 4.33 | +1.39 | +47 | 50.39 | -3.34 | -6 |
| 25. Konkan | 0.01 | -0.14 | -93 | 1.04 | -0.95 | -48 | 103.01 | +2.13 | +2 | 5.45 | -0.01 | 0 | 109.51 | +1.03 | +1 |
| 26. Bombay, Deccan | 0 | -0.24 | -100 | 1.79 | -0.34 | -16 | 25.59 | +1.37 | +6 | 5.45 | +0.15 | +27 | 32.83 | +1.94 | +6 |
| 27. Hyderabad, North | 0.08 | -0.23 | -80 | 0.80 | -0.81 | -50 | 24.06 | -4.78 | -17 | 3.05 | +0.52 | +15 | 28.89 | -5.40 | -16 |
| 28. Do., South | 0.27 | -0.15 | -36 | 1.42 | -0.83 | -87 | 20.70 | -3.00 | -13 | 5.61 | +1.80 | +80 | 28.30 | -2.68 | -9 |
| 29. Mysore | 0.65 | +0.30 | +120 | 3.19 | +2.84 | +53 | 17.73 | -4.63 | -21 | 12.28 | +4.11 | +50 | 38.75 | +2.82 | +7 |
| 30. Malabar | 1.21 | -0.22 | -15 | 19.46 | +6.97 | +56 | 57.29 | -8.91 | -18 | 27.26 | +7.10 | +86 | 105.22 | +5.09 | +5 |
| 31. Madras, Southeast | 5.07 | +3.61 | +247 | 8.11 | +3.77 | +87 | 9.05 | -2.82 | -24 | 27.47 | +9.49 | +53 | 49.70 | +14.05 | +39 |
| 32. Do., Deccan | 0.22 | -0.12 | -35 | 4.37 | +1.89 | +70 | 12.19 | -3.05 | -20 | 9.97 | +3.23 | +48 | 26.75 | +1.95 | +8 |
| 33. Do. Coast, North | 1.82 | +0.55 | +71 | 5.26 | +1.71 | +48 | 24.32 | -1.31 | -5 | 19.51 | +8.26 | +73 | 50.41 | +9.21 | +22 |

TABLE A-11.—Average over the 33 sub-divisions of actual number of rainy days with its departures from normal for the four seasons of the year, and for the whole year, 1930.

| SUB-DIVISION. | JANUARY AND FEBRUARY. | | MARCH TO MAY. | | JUNE TO SEPTEMBER. | | OCTOBER TO DECEMBER. | | WHOLE YEAR. | |
|--|-----------------------|------------------------|---------------|------------------------|--------------------|------------------------|----------------------|------------------------|-------------|------------------------|
| | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. | Actual. | Departure from normal. |
| 1. Bay Islands | 4·0 | +2·0 | 13·3 | +0·2 | 68·3 | +6·5 | 20·5 | -0·9 | 106·1 | +7·8 |
| 2. Lower Burma | 0·5 | -0·1 | 17·5 | +2·3 | 88·1 | -1·0 | 10·0 | -4·5 | 116·1 | -3·3 |
| 3. Upper Burma | 1·3 | +0·4 | 12·7 | +1·2 | 45·7 | +2·3 | 9·6 | -1·5 | 69·3 | +2·4 |
| 4. Assam | 3·9 | -1·0 | 30·0 | -2·4 | 68·8 | +0·4 | 14·2 | +5·2 | 116·9 | +2·2 |
| 5. Bengal | 1·5 | -0·9 | 13·9 | -1·8 | 69·1 | -0·5 | 7·7 | +1·1 | 82·2 | -2·1 |
| 6. Orissa | 1·3 | -1·3 | 6·7 | -2·6 | 56·7 | +2·7 | 7·6 | +0·3 | 72·3 | -0·9 |
| 7. Chota Nagpur | 0·7 | -2·9 | 4·4 | -2·7 | 57·6 | +5·2 | 7·2 | +2·4 | 69·9 | +2·0 |
| 8. Bihar | 1·0 | -0·5 | 3·9 | -1·6 | 43·8 | -0·6 | 4·8 | +1·5 | 54·4 | -1·2 |
| 9. United Provinces, East | 2·7 | 0 | 1·0 | -1·6 | 32·7 | -5·6 | 3·1 | +0·7 | 39·5 | -6·5 |
| 10. Do. do., West | 3·2 | -0·3 | 1·7 | -1·0 | 32·3 | -1·4 | 2·0 | +0·1 | 39·2 | -3·5 |
| 11. Punjab, East and North | 3·9 | -0·3 | 3·1 | -1·4 | 20·9 | +1·3 | 0·8 | -1·0 | 28·7 | -1·4 |
| 12. Do., Southwest | 1·9 | -0·6 | 3·0 | -0·9 | 10·2 | +1·2 | 0·1 | -0·8 | 15·2 | -1·1 |
| 13. Kashmir | 12·1 | +2·0 | 14·7 | -1·0 | 22·6 | -2·3 | 3·8 | -1·8 | 53·2 | -3·1 |
| 14. North-West Frontier Province | 5·1 | +0·1 | 10·3 | +1·7 | 11·3 | +0·2 | 2·2 | -0·1 | 28·9 | +1·9 |
| 15. Baluchistan | 3·3 | -1·8 | 3·4 | -1·8 | 5·6 | +1·4 | 0·6 | -1·0 | 12·9 | -4·1 |
| 16. Sind | 0·1 | -1·2 | 0·2 | -0·9 | 6·6 | +0·3 | 0·1 | -0·3 | 7·0 | -2·1 |
| 17. Rajputana, West | 0·7 | -0·3 | 2·2 | +0·4 | 12·3 | -1·6 | 0·5 | -0·2 | 15·7 | -1·7 |
| 18. Do., East | 1·3 | -0·3 | 1·9 | -0·3 | 26·6 | -1·6 | 2·2 | +0·7 | 32·0 | -1·5 |
| 19. Gujarat | 0·1 | -0·3 | 0·2 | -0·7 | 35·3 | +0·8 | 1·5 | -0·2 | 37·1 | -0·4 |
| 20. Central India, West | 0·5 | -1·0 | 0·8 | -1·0 | 34·2 | -1·7 | 2·0 | -0·2 | 37·5 | -3·9 |
| 21. Do. do., East | 1·5 | -1·4 | 2·0 | -0·6 | 42·6 | +1·1 | 3·2 | +0·3 | 49·3 | -0·6 |
| 22. Berar | 0·1 | -1·3 | 1·5 | -1·0 | 33·8 | -4·5 | 5·8 | +1·3 | 40·7 | -5·5 |
| 23. Central Provinces, West | 0·3 | -2·1 | 3·2 | -0·1 | 44·6 | -2·6 | 4·1 | +0·3 | 52·2 | -4·5 |
| 24. Do. do., East | 0·7 | -2·0 | 4·7 | +0·1 | 50·4 | -1·1 | 6·8 | +2·6 | 62·6 | -0·4 |
| 25. Konkan | 0 | -0·3 | 1·7 | -0·9 | 83·1 | -0·7 | 8·7 | +1·3 | 93·5 | -0·6 |
| 26. Bombay, Deccan | 0 | -0·5 | 3·6 | -0·4 | 36·6 | -0·8 | 8·6 | +2·0 | 48·8 | +0·8 |
| 27. Hyderabad, North | 0·2 | -0·6 | 2·0 | -1·5 | 36·4 | -4·0 | 7·1 | +1·9 | 45·7 | -4·2 |
| 28. Do., South | 0·7 | -0·1 | 3·7 | -0·9 | 35·5 | -1·9 | 10·3 | +3·8 | 50·2 | +0·9 |
| 29. Mysore | 1·5 | +1·1 | 10·3 | +1·4 | 80·3 | -3·4 | 18·3 | +5·9 | 60·4 | +5·0 |
| 30. Malabar | 2·4 | +0·3 | 20·9 | +4·0 | 64·0 | -8·5 | 29·5 | +4·8 | 116·8 | +5·1 |
| 31. Madras, Southeast | 5·7 | +3·7 | 8·0 | +1·4 | 14·9 | -8·4 | 27·6 | +6·1 | 56·1 | +7·8 |
| 32. Do., Deccan | 0·7 | +0·2 | 6·5 | +2·0 | 23·4 | -1·8 | 14·7 | +5·0 | 45·3 | +5·4 |
| 33. Do., Coast, North | 1·8 | +0·7 | 5·8 | +0·2 | 33·1 | -8·3 | 18·8 | +6·6 | 59·0 | +4·2 |

TABLE A-12.—Showing rainfall of 10" and over, with amounts in the preceding and following 24 hours, during the year 1930.

| BURMA. | | | | | | BIHAR AND ORISSA. | | | | | |
|----------------|----------------------|----------|----------------|----------------------|-----------------|-------------------|-------------------|------------|----------------|----------------------|-----------------|
| District. | Station. | Date. | AMOUNT. | | | District. | Station. | Date. | AMOUNT. | | |
| | | | Preceding day. | On date in column 3. | Succeeding day. | | | | Preceding day. | On date in column 3. | Succeeding day. |
| 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 |
| Mergui . . . | Victoria Point . . . | 16th May | 0.57 | 10.00 | 7.50 | Angul . . . | Balandapara . . . | 2nd July | 0.26 | 12.26 | 1.52 |
| Kyaukpyu . . . | Cheduba . . . | 31st May | 0 | 10.53 | 2.78 | Shahabad . . . | Chand . . . | 27th Sept. | 0.96 | 13.95 | 0.10 |
| Do. . . | Kyaukpyu . . . | 2nd June | 8.21 | 11.32 | 0.03 | | | | | | |
| Amberst . . . | Amherst . . . | 7th July | 5.50 | 10.17 | 0.89 | | | | | | |

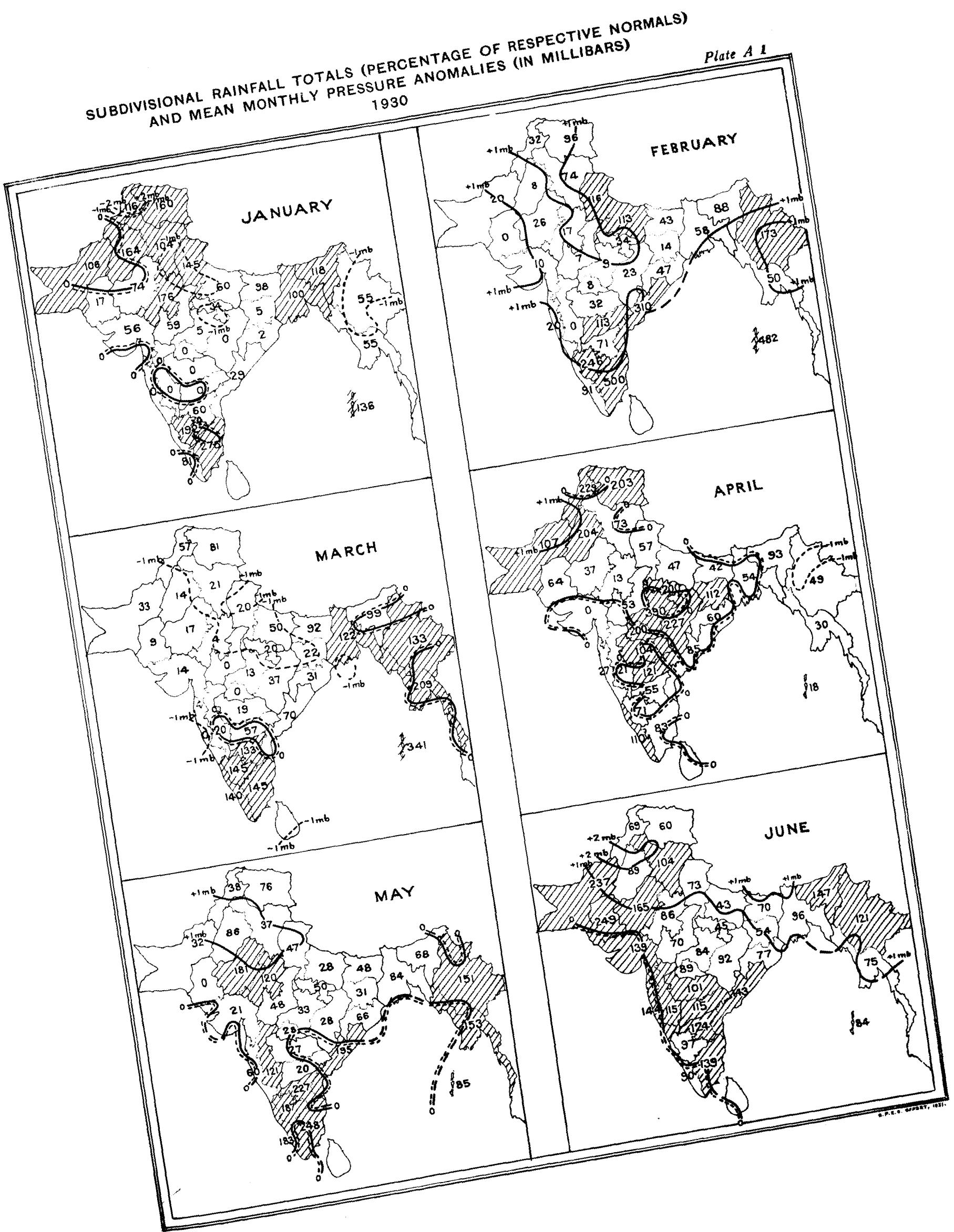
| ASSAM. | | | | | | UNITED PROVINCES. | | | | | |
|-------------------------------|--------------------------------------|-----------|----------------|----------------------|-----------------|-------------------|------------------|------------|----------------|----------------------|-----------------|
| District. | Station. | Date. | AMOUNT. | | | District. | Station. | Date. | AMOUNT. | | |
| | | | Preceding day. | On date in column 3. | Succeeding day. | | | | Preceding day. | On date in column 3. | Succeeding day. |
| 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 |
| Sylhet . . . | Bongaon . . . | 12th June | 5.05 | 10.07 | 2.23 | Jhansi . . . | Garotha . . . | 25th July | 0.47 | 10.80 | 0.23 |
| Do. . . | Lallakhal . . . | 22nd June | 7.05 | 11.64 | 7.18 | Hamirpur . . . | Mandaha . . . | 28th July | 2.18 | 12.14 | 0.34 |
| Kashi and Jaintia Hills . . . | Cherrapunji Police Station. . . | 9th June | 1.85 | 10.43 | 4.33 | Jaunpur . . . | Kerakat . . . | 27th Sept. | 0.03 | 11.63 | 0 |
| Do. . . | Do. . . | 22nd June | 9.70 | 12.00 | 10.24 | Basti . . . | Basti . . . | 28th Sept. | 1.67 | 16.25 | 0.02 |
| Do. . . | Do. . . | 23rd June | 12.00 | 10.24 | 8.22 | Do. . . | Khalilabad . . . | 28th Sept. | 1.67 | 10.70 | 0.19 |
| Do. . . | Cherrapunji Welsh Mission House. . . | 9th June | 8.24 | 10.50 | 5.65 | Fyzabad . . . | Fyzabad . . . | 14th Sept. | 0.48 | 10.82 | 1.17 |
| Do. . . | Do. . . | 19th June | 6.60 | 11.36 | 0.75 | | | | | | |
| Do. . . | Do. . . | 21st June | 0.75 | 10.69 | 13.32 | | | | | | |
| Do. . . | Do. . . | 22nd June | 10.69 | 13.32 | 12.72 | | | | | | |
| Do. . . | Do. . . | 23rd June | 18.32 | 12.72 | 15.75 | | | | | | |
| Do. . . | Do. . . | 24th June | 12.72 | 15.75 | 5.38 | | | | | | |
| Do. . . | Cherrapunji Police Station. . . | 28th Aug. | 8.50 | 11.30 | 18.20 | | | | | | |
| Do. . . | Do. . . | 29th Aug. | 11.30 | 18.20 | 2.28 | | | | | | |
| Do. . . | Cherrapunji Welsh Mission House. . . | 28th Aug. | 8.55 | 13.20 | 20.15 | | | | | | |
| Do. . . | Do. . . | 29th Aug. | 18.20 | 20.15 | 7.05 | | | | | | |
| Do. . . | Do. . . | 21st Nov. | 8.48 | 15.24 | 0.52 | | | | | | |

| BENGAL. | | | | | | PUNJAB. | | | | | |
|------------------------------|----------------------|----------|----------------|----------------------|-----------------|--------------|----------------|-----------|----------------|----------------------|-----------------|
| District. | Station. | Date. | AMOUNT. | | | District. | Station. | Date. | AMOUNT. | | |
| | | | Preceding day. | On date in column 3. | Succeeding day. | | | | Preceding day. | On date in column 3. | Succeeding day. |
| 1 | 2 | 3 | 4 | 5 | 6 | 4 | 2 | 3 | 4 | 5 | 6 |
| Chittagong . . . | Cox's Bazar . . . | 12th May | 7.11 | 10.64 | 0.13 | Ambala . . . | Kasauli . . . | 27th July | 1.20 | 11.75 | 0.63 |
| Chittagong Hill Tracts . . . | Nakhpongchhari . . . | 11th May | 6.19 | 17.66 | 0.76 | Kangra . . . | Palampur . . . | 21st Aug. | 7.91 | 13.55 | 3.95 |

| CENTRAL PROVINCES AND BERAR. | | | | | |
|------------------------------|----------------------|-----------|----------------|----------------------|-----------------|
| District. | Station. | Date. | AMOUNT. | | |
| | | | Preceding day. | On date in column 3. | Succeeding day. |
| 1 | 2 | 3 | 4 | 5 | 6 |
| Jubbulpore . . . | Barerakalan . . . | 21st July | 1.82 | 11.00 | 0 |
| Do. . . | Pariat . . . | 21st July | 2.90 | 11.70 | 0.14 |
| Narsinghpur . . . | Mohpani (Gottitoria) | 1st July | 2.38 | 11.80 | 2.89 |
| Hoshangabad . . . | Harda . . . | 3rd July | 1.22 | 11.65 | 1.99 |

TABLE A-12.—Showing rainfall of 16" and over, with amounts in the preceding and following 24 hours, during the year 1930—contd.

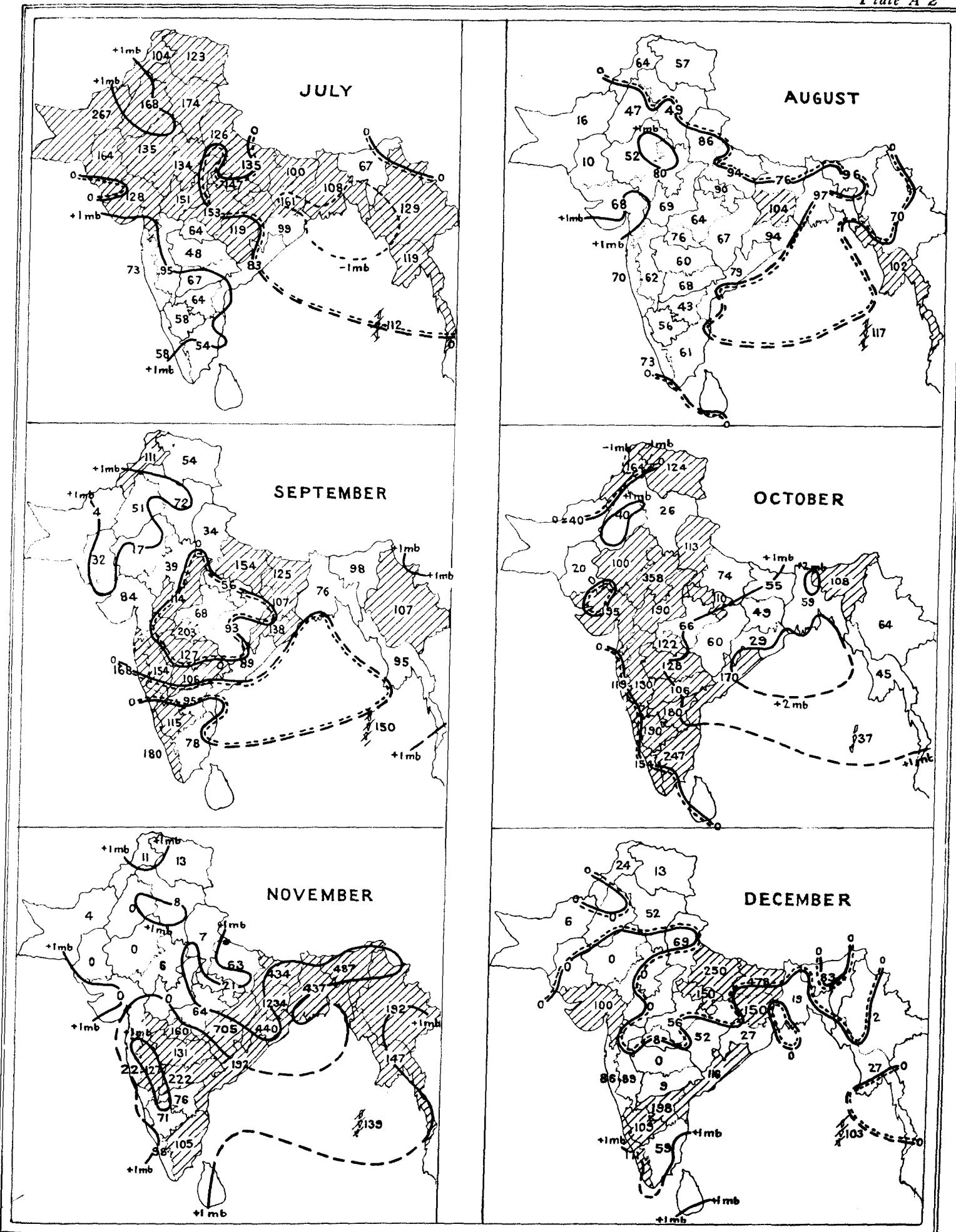
| CENTRAL PROVINCES AND BEAR—contd. | | | | | | BOMBAY—contd. | | | | | |
|-----------------------------------|----------------------------------|------------|----------------|----------------------|-----------------|--------------------|----------------------------------|------------|----------------|----------------------|-----------------|
| District. | Station. | Date. | AMOUNT. | | | District. | Station. | Date. | AMOUNT. | | |
| | | | Preceding day. | On date in column 3. | Succeeding day. | | | | Preceding day. | On date in column 3. | Succeeding day. |
| 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 |
| Hoshangabad . . . | Seoni . . . | 3rd July | 2.93 | 14.80 | 1.80 | Thana . . . | Bombay . . . | 10th Sept. | 1.71 | 19.70 | 9.82 |
| Do. . . | Makral State . . . | 3rd July | 1.65 | 14.45 | 1.92 | Do. . . | Kurla . . . | 9th Sept. | 1.84 | 11.30 | 3.60 |
| Betul . . . | Betul (Badnur) . . . | 3rd July | 5.40 | 10.22 | 0.46 | Satara . . . | Mahableshwar (Mal-colmpeth). . . | 15th Sept. | 5.23 | 12.88 | 4.16 |
| Do. . . | Shahpur . . . | 3rd July | 7.50 | 11.40 | 1.00 | | | | | | |
| Yeotmal . . . | Wum . . . | 2nd July | 2.50 | 14.17 | 13.79 | | | | | | |
| Do. . . | Do. . . | 3rd July | 14.17 | 13.79 | 0 | | | | | | |
| Buldana . . . | Buldana . . . | 9th Sept. | 1.03 | 13.29 | 5.85 | | | | | | |
| BOMBAY. | | | | | | | | | | | |
| District. | Station. | Date. | AMOUNT. | | | District. | Station. | Date. | AMOUNT. | | |
| | | | Preceding day. | On date in column 3. | Succeeding day. | | | | Preceding day. | On date in column 3. | Succeeding day. |
| 1 | 2 | 3 | 4 | 5 | 6 | 1 | 2 | 3 | 4 | 5 | 6 |
| Savantvadi . . . | Kudal . . . | 26th June | 2.27 | 10.80 | 3.50 | Nellore . . . | Venkatagiri . . . | 8th May | 0 | 10.00 | 1.70 |
| Ratnagiri . . . | Malvan . . . | 26th June | 2.40 | 11.10 | 3.09 | Malabar . . . | Tellicherry . . . | 10th May | 0.63 | 10.20 | 5.41 |
| Do. . . | Devgad . . . | 26th June | 2.95 | 12.47 | 5.77 | Nellore . . . | Kavall . . . | 27th Oct. | 4.10 | 11.02 | 0.46 |
| Do. . . | Sangameshvar . . . | 22nd June | 2.95 | 10.08 | 5.08 | Tanjore . . . | Shiyali . . . | 23rd Oct. | 2.74 | 11.76 | 1.88 |
| Do. . . | Guhagar . . . | 22nd June | 2.10 | 10.82 | 7.70 | Do. . . | Neidavassal . . . | 23rd Oct. | 3.36 | 14.72 | 0.66 |
| Do. . . | Khed . . . | 22nd June | 1.70 | 10.33 | 6.39 | Do. . . | Tranquebar . . . | 28th Oct. | 3.79 | 18.31 | 0.84 |
| Surat . . . | Bulsar . . . | 30th June | 1.61 | 12.35 | 6.73 | Do. . . | Negapatam . . . | 23rd Oct. | 3.76 | 15.66 | 4.08 |
| Broach . . . | Haroot . . . | 29th June | 0.90 | 10.54 | 2.78 | Do. . . | Tiruppundi . . . | 23rd Oct. | 2.88 | 10.95 | 6.42 |
| Navsari . . . | Navsari . . . | 28th June | 0.10 | 10.70 | 3.94 | Do. . . | Muttupet . . . | 24th Oct. | 5.00 | 18.53 | 0.09 |
| Kathiawar . . . | Junagad . . . | 30th June | 2.07 | 10.06 | 7.32 | Do. . . | Pattukkottai . . . | 24th Oct. | 4.68 | 11.16 | 0.10 |
| Colaba . . . | Matheran . . . | 4th July | 5.15 | 11.17 | 2.68 | Do. . . | Arantangi . . . | 24th Oct. | 2.05 | 14.40 | 0.34 |
| Satara . . . | Mahableshwar (Mal-colmpeth). . . | 4th July | 7.10 | 10.95 | 4.30 | Trichinopoly . . . | Trichinopoly . . . | 24th Oct. | 1.98 | 12.56 | 1.86 |
| Kaira . . . | Cambay (State) . . . | 3rd July | 0.09 | 10.10 | 4.92 | Do. . . | Huppur . . . | 24th Oct. | 1.78 | 10.04 | 2.10 |
| Panch Mahals . . . | Kalol . . . | 4th July | 0.88 | 12.15 | 3.73 | Puddukkottai . . . | Puddukkottai . . . | 24th Oct. | 2.73 | 11.49 | 0.64 |
| Kathiawar . . . | Rajkot . . . | 23rd July | 3.76 | 11.36 | 0.23 | Do. . . | Karambakkudi . . . | 24th Oct. | 3.87 | 12.22 | 0.50 |
| Do. . . | Porbandar . . . | 1st July | 2.80 | 12.37 | 0.29 | Do. . . | Kolattur . . . | 24th Oct. | 2.72 | 10.35 | 0.62 |
| Baroda . . . | Bhadran . . . | 2nd July | 0.05 | 11.98 | 6.15 | Do. . . | Odayallpatti . . . | 23rd Oct. | 3.25 | 11.80 | 3.75 |
| Ratnagiri . . . | Mandangad . . . | 15th Sept. | 3.86 | 13.00 | 0.85 | Do. . . | Annavausal . . . | 24th Oct. | 1.92 | 11.74 | 1.22 |
| Colaba . . . | Matheran . . . | 10th Sept. | 3.45 | 12.75 | 5.85 | The Nilgiris . . . | Kotagirl . . . | 26th Oct. | 5.68 | 10.35 | 0.55 |



SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)
AND MEAN MONTHLY PRESSURE ANOMALIES (IN MILLIBARS)

1930

Plate A 2



SUBDIVISIONAL RAINFALL TOTALS (PERCENTAGE OF RESPECTIVE NORMALS)
IN DIFFERENT PERIODS OF THE YEAR 1930

Plate A 3

